GH

Cranes & Components

Libro de Despiece
Spare parts book
Manuel Pièces de Rechange

GHB11

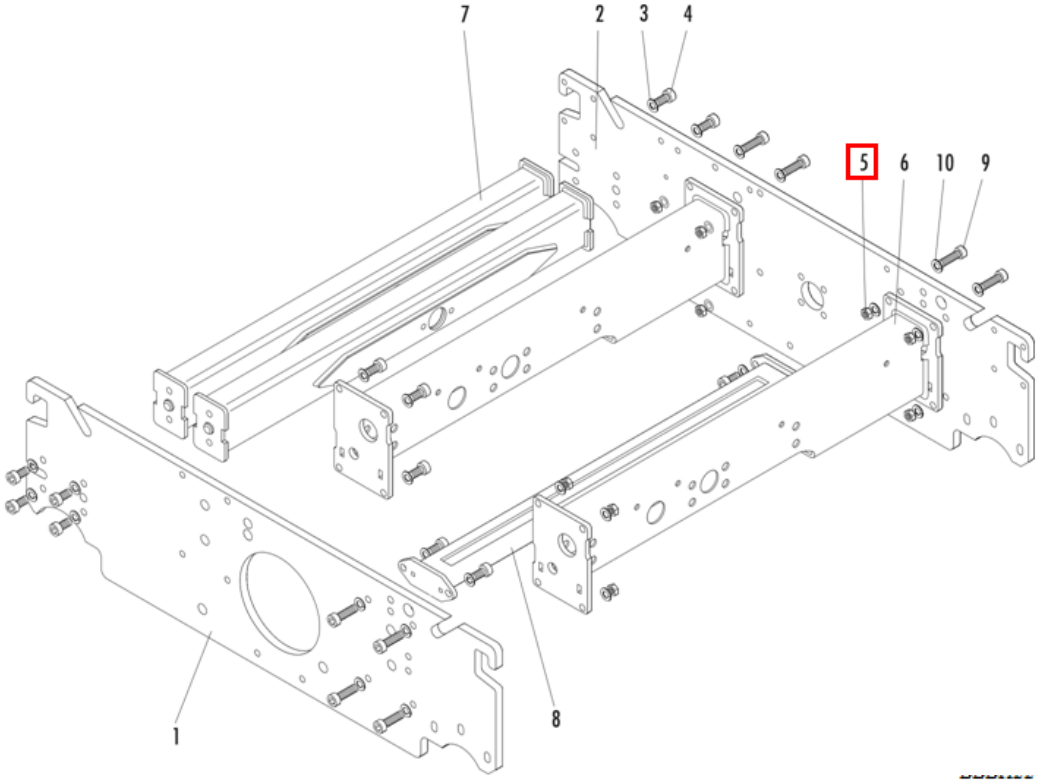
99369

MANUAL DE USO / USER'S MANUAL / MANUEL D'UTILISATION

El libro se compone del índice de conjuntos, y cada conjunto se describe por medio de una imagen de la explosión del conjunto y un listado de su despiece. Todas las piezas del conjunto tienen un número, para saber el código de la pieza hay que buscar este número en el listado de despiece.

The book consists of the index of part-sets, and each set is described by a picture of its explosion and a list of its smaller parts. All parts of the picture are given a number, in order to find the code of each piece you need to search its number in the list below.

Le livre est composé d'une nomenclature des ensembles, où chacun d'eux est décrit par le biais d'une vue éclatée et d'une liste des composants. Toutes les pièces de l'ensemble ont un numéro, et pour connaitre le code de la pièce choisie il suffit de chercher ce numéro dans la liste de la nomenclature.



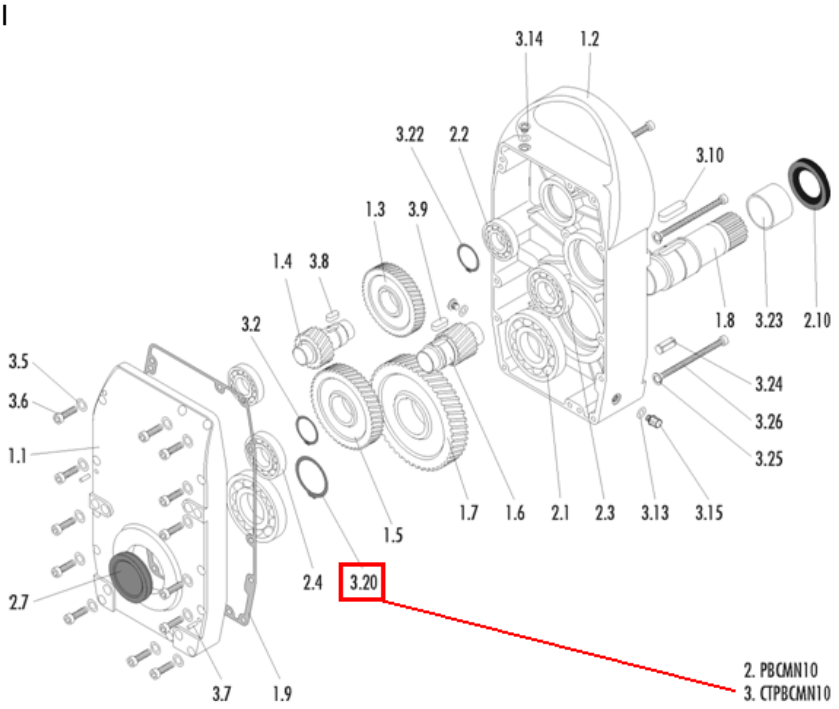
N°	Uni.	Denominación	Désignation	Designation	Mat.	Cod.
01	1	Chapa bastidor Bi. GHB11 lado	Plaque châssis GHB11 côté	GHB11 frame plate gear side		504B011B
02	1	Chapa bastidor Bi. GHB11 lado	Plaque châssis GHB11 côté fin de	GHB11 frame plate limit switch		504B012B
03	16	Arandela grower A10 DIN 7980	Rondelle grower A10 DIN 7980	Lock washer A10 DIN 7980		C06004
04	16	Tornillo Allen M10x20 DIN 912	Vis M10x20 DIN912	Socket head screw M10x20 DIN		C56021
05	12	Tuerca autoblocante HM10 DIN	Ecrou autobloquant HM10 DIN	Self-locking nut HM10 DIN985		C59100
06	2	Estructura Soporte GHB11 H2	Structure de support GHB11 H2	Support structure GHB11 H2		504VB2
07	2	Soporte Basculante H2 GHB11	Support basculant H2 GHB11	Tilt support H2 GHB11		504WB2
08	1	Guia GHB11 H2 L=705mm	Guide GHB11 H2 L=705mm	Guide GHB11 H2 L=705mm		5165BB1
09	12	Tornillo Allen M10x40 DIN 912	Vis M10x40 DIN912	Socket head screw M10x40 DIN		C56067
10	24	Arandela plana A10 DIN 125	Rondelle A10 DIN125	Washer A10 DIN125		C06103

Puede ocurrir que una pieza de un conjunto no aparezca en la lista del despiece. Esto es debido a que esa pieza está definida en otro conjunto. Cuando en la imagen el número de la pieza está formado de la siguiente manera: XX.XX, el primero identifica el conjunto en el que está definida la pieza, que aparecerá en el propio dibujo. El segundo número es el que le corresponde en el despiece del conjunto.

There could be a situation where one part of a set does not appear in the list of smaller parts. This could happen when the part is defined in a different set. When, in the picture, the part number is

composed as follows: XX.XX, the first identifies the set in which the part is defined, which will appear in the drawing itself. The second number is the one that corresponds in the list of the set.

Il peut arriver qu'une pièce de l'ensemble n'apparaisse pas dans la nomenclature. Cela provient du faite que cette pièce est déjà définie dans un autre ensemble. Lorsque sur la vue éclatée le numéro de la pièce est exprimé de la forme suivante : XX.XX, le premier chiffre indique l'ensemble sur lequel cette pièce est définie et le deuxième chiffre est celui lui correspondant dans la nomenclature du dit ensemble.



Nº	Uni.	Denominación	Désignation	Designation	Mat.	Cod.
1.1	1	Tapa de caja reductora GHB11	Couvercle reducteur GHB11	Gear box cover GHB11		2030GBB
1.2	1	Caja reductora GHB11	Carter réducteur GHB11	Gear box GHB11		301EGBB
1.3	1	Corona dent. Z=58 M=2 (GHB11)	Couronne dentée Z=58 M=2	Gear wheel Z=58 M=2		G01D58BCC
1.4	1	Piñon dentado Z=15 M=2.5	Pignon dente Z=15 M=2.5	Pinion shaft Z=15 M=2.5		G02E15BCC
1.5	1	Corona dent. Z=62 M=2.5	Couronne dentée Z=62 M=2.5	Gear wheel Z=62 M=2.5		G01E62BCC
1.6	1	Piñón dentado Z=15 M=3	Pignon denté Z=15 M=3	Pinion shaft Z=15 M=3		G02F15BCC
1.7	1	Corona dent. Z=60 M=3 (GHB11)	Couronne dentée Z=60 M=3	Gear wheel Z=60 M=3		G01F60BCC
1.8	1	Eje salida Red. ø58x196.75	Arbre sortie réducteur ø58x196.75	Output shaft ø58x196.75		E02E18
1.9	1	Junta caja reductora GHB11	Joint réducteur GHB11	Gear box joint GHB11		C310GBB
2	1	Conjunto Rod.-Retenes Red.	Ensemble de roulem.-bague	Bearings and oil seals set GHB11		PBCMN10
3	1	Conj. Tornillería Reductora	Ensemble de vis Réducteur	Screws and rings set Gear box		CTPBCMN10

CTPBCMN10

Nº	Uni.	Denominación	Désignation	Designation	Mat.	Cod.
3.02	1	Anillo retensor 42x1,75 DIN 471	Clips 42x1,75 DIN 471	Retainer ring 42x1,75 DIN 471		C04E07
3.04	1	Anillo retensor 28x1,5 DIN 471	Clips 28x1,5 DIN 471	Retainer ring 28x1,5 DIN 471		C04E03
3.05	17	Arandela grower A8 DIN 7980	Rondelle grower A8 DIN 7980	Lock washer A8 DIN 7980		C06003
3.06	13	Tornillo Allen M8x45 DIN 912				C56082
3.07	2	Pasador ø8x28 DIN 6325	Goujon ø 8x28 DIN 6325	Pin ø 8x28 DIN 6325		C38000
3.08	1	Chaveta GHB11 10x8x13	Clavette GHB11 10x8x13	Key GHB11 10x8x13		105A02
3.09	1	Chaveta GHB11 12x8x23	Clavette GHB11 12x8x23	Key GHB11 12x8x23		105A03
3.10	1	Chaveta GHB11 16x10x27	Clavette GHB11 16x10x27	Key GHB11 16x10x27		105A04
3.13	3	Arandela D17/22,5x1 DIN 7603	Rondelle D17/22,5x1 DIN 7603	Sealing ring D17/22,5x1 DIN		C06500
3.14	2	Tapón de aceite 3/8" Gas DIN 908	Bouchon D'huile 3/8"Gas DIN	Screw plug 3/8"Gas DIN 908		C52-00
3.15	1	Tapón de aceite 3/8" Gas	Bouchon D'huile 3/8"Gas DIN	Screw plug 3/8"Gas DIN 908		C52-04
3.16	4	Tornillo Allen M8x260 DIN 912	Vis M8x260 DIN 912	Socket head screw M8x260 DIN		C56061
3.17	4	Arandela plana A4 DIN 125	Rondelle A4 DIN 125	Washer A4 DIN 125		C06100
3.18	4	Tornillo M4x12 DIN 84	Vis M4x12 DIN 84	Bolt M4x12 DIN 84		C56401
3.19	1	Arandela de presion ondulada	Rondelle de pression ondulee M47	Wavy washer M47		C06400
3.20	1	Anillo retensor 5x2 DIN 471	Clips 5x2 DIN 471	Retainer ring 5x2 DIN 471		C04E38
3.21	1	Anillo IR 40x45x20.5	Anneau intérieur 40x45x20.5	Inner ring 40x45x20.5		C9500
3.22	1	Anillo retensor 35x1,5 DIN 471	Clips 35x1,5 DIN 471	Retainer ring 35x1,5 DIN 471		C04E05
3.23	1	Anillo IR 50x58x30	Anneau intérieur 50x58x30	Inner ring 50x58x30		C9501
3.24	1	Pasador elástico ø16x20 DIN 1481				C38224
3.25	3	Arandela grower A16 DIN 7980	Rondelle grower A16 DIN 7980	Lock washer A16 DIN 7980		C06007
3.26	3	Tornillo Allen M16x40 DIN 912	Vis M16x40 DIN912	Socket head screw M16x40		C56066
3.27	4	Arandela grower A5 DIN 7980	Rondelle A5 DIN 7980	Lock washer A5 DIN 7980		C06001
3.28	4	Tornillo HM5x10 DIN 933	Vis HM5x10 DIN 933	Hexagon bolt HM5x10 DIN 933		C56200

INDICE

- Polipasto GHB11	GHB11
- Motor elevación GHB11 3000/Var. 400V 50Hz-440V 60Hz Sondas Contacto	M1C0B0V1
- Freno Motor de Elevación GHB11	F1B11
- REDUCTORA DE ELEVACIÓN GHB11 R=20/57	R1BC2
- Conjunto Rod.-Retenes Red. GHB11	PBCMN10
- Tambor GHB11 4/1 H2	TB41H2B
- APAREJO GHB11 4/1 4/2 Nº 2,5 ø 160	ABEGG
- Suspensión Punto Fijo GHB11	PFB00
- Motor traslación VB0 1500/Var. 400V 50Hz	M0A0P1V
- Freno de Motor Traslación VB0 VB1 VB2 var.	F0A1
- REDUCTORA DE TRASLACIÓN Y GIRO VB0-2T Tipo Monorraíl	R5B1A
- Conjunto Rod.-Retenes VB0-2T Tipo Monorraíl	2BM
- Bastidor mono. A.R. GHB11 H2 1 Motor Sin Contrapeso	BARBH2C1
- Carenado GHB11 H2	CCABH2
- Carenado Trasero GHB11 H2	CCABH2B
- Conjunto Piñón Z=22 A.R.	CPIB22
- Conj. Tornillería Reductora RFS/100-2T Tipo Monorraíl	CT2BM
- Conj. Tornillería Reductora GHB11	CTPBCMN10
- Encoder de elevación GHB11 (Motor)	ENEMB11
- Lateral A.R. Loco - Red. elev.	LRBL0B
- Lateral A.R. Motriz - Rodillo Fin de Carrera SC	LRBM0A
- Paquete Rueda Motriz ø105 AR Z=35	PRM105ARAZ35
- Conjunto Rueda Loca AR	RARB11
- Conjunto Rueda Loca AR Simétrico	RARB12
- Conjunto Rueda motriz AR	RARB21
- Conjunto Rueda motriz AR Simétrico	RARB22

INDEX

- Palan GHB11	GHB11
- Moteur de levage GHB11 3000/Var. 400V 50Hz Sondes à Contact	M1C0B0V1
- Frein moteur de levage GHB11	F1B11
- RÉDUCTEUR DE LEVAGE GHB11 R=20/57	R1BC2
- Ensemble de roulement-bague d`étancheité GHB11	PBCMN10
- Tambour GHB11 4/1 H2	TB41H2B
- MOUFLE GHB11 4/1 4/2 Nº 2.5 ø160	ABEGG
- Suspension point fixe GHB11	PFB00
- Moteur translation VB0 1500/Var. 400V 50Hz	M0A0P1V
- Frein de moteur translation VB0 Var.	F0A1
- REDUCTEUR DE TRANSLATION ET ROTATION RFS/100-2T Type Monorail	R5B1A
- Ensemble de roulem.-joint VB0-2T Type Monorail	2BM
- Chassis HPR GHB11 H2 1 moteur sans contrepoids	BARBH2C1
- Carénage GHB11 H2	CCABH2
- Carénage Arrière GHB11 H2	CCABH2B
- Ensemble pignon Z=22 HPR	CPIB22
- Ensemble de vis et rondelles Réducteur RFS/100-2T Type Monorail	CT2BM
- Ensemble de visserie Réducteur GHB11	CTPBCMN10
- Codeur de levage GHB11 (Moteur)	ENEMB11
- Latérale HPR Fou-Réduc. levage	LRBL0B
- Latérale HPR Moteur-Galet presseur Fin de course Sans contrepoids	LRBM0A
- Ensemble de galet moteur ø105 HPR Z=35	PRM105ARAZ35
- Ensemble galet fou HPR	RARB11
- Ensemble galet fou HPR symétrique	RARB12
- Ensemble galet moteur HPR	RARB21
- Ensemble galet moteur HPR Symétrique	RARB22

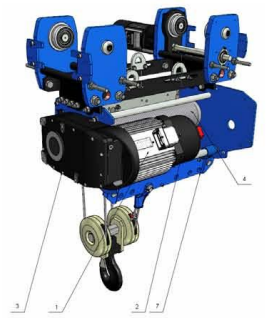
INDEX

- Hoist GHB11	GHB11
- Hoisting motor GHB11 3000/Inv. 400V 50Hz Contact probes	M1C0B0V1
- Hoist motor brake GHB11	F1B11
- HOISTING GEAR BOX GHB11 R=20/57	R1BC2
- Bearings and oil seals set GHB11	PBCMN10
- Drum GHB11 4/1 H2	TB41H2B
- BLOCK GHB11 4/1 4/2 Nº 2.5 ø160	ABEGG
- Fixed point suspension GHB11	PFB00
- Traveling motor VB0 1500/Inv. 400V 50Hz	M0A0P1V
- Traveling motor brake VB0 Inv.	F0A1
- TRAVELING & ROTARY MACHINERIES RFS/100-2T Monorail	R5B1A
- Bearings and oil seals set VB0-2T	2BM
- Low headroom frame GHB11 H2 1 motor no counterweight	BARBH2C1
- Fairing GHB11 H2	CCABH2
- Rear fairing GHB11 H2	CCABH2B
- Pinion set Z=22	CPIB22
- Screws and rings set RFS/100-2T	CT2BM
- Screws and rings set Gear box GHB11	CTPBCMN10
- Hoisting encoder GHB11 (Motor)	ENEMB11
- Side of Low H. ungeared-gear box	LRBL0B
- Side of Low H. geared-limit switch No counterweight	LRBM0A
- Geared wheel package ø105 Z=35	PRM105ARAZ35
- Ungeared wheel set GHB11	RARB11
- Ungeared wheel set GHB11 symmetric	RARB12
- Geared wheel set GHB11	RARB21
- Geared wheel set GHB11 Symmetric	RARB22

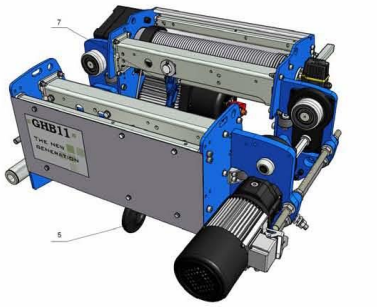
GHB11 imagen ghb11

FIJO PATAS

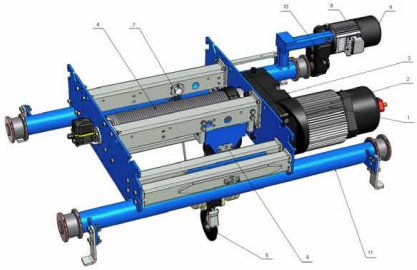
MONORRAIL SUSPENDIDO



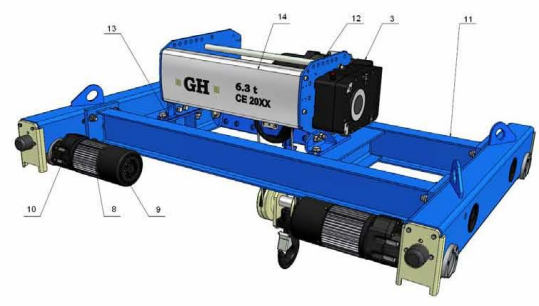
MONORRAIL ALTURA REDUCIDA

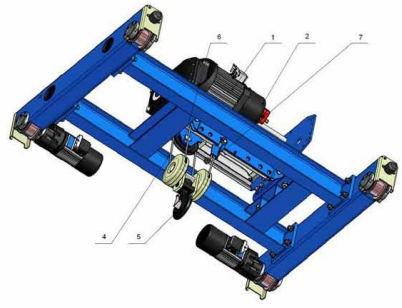


BIRRAIL TUBOS

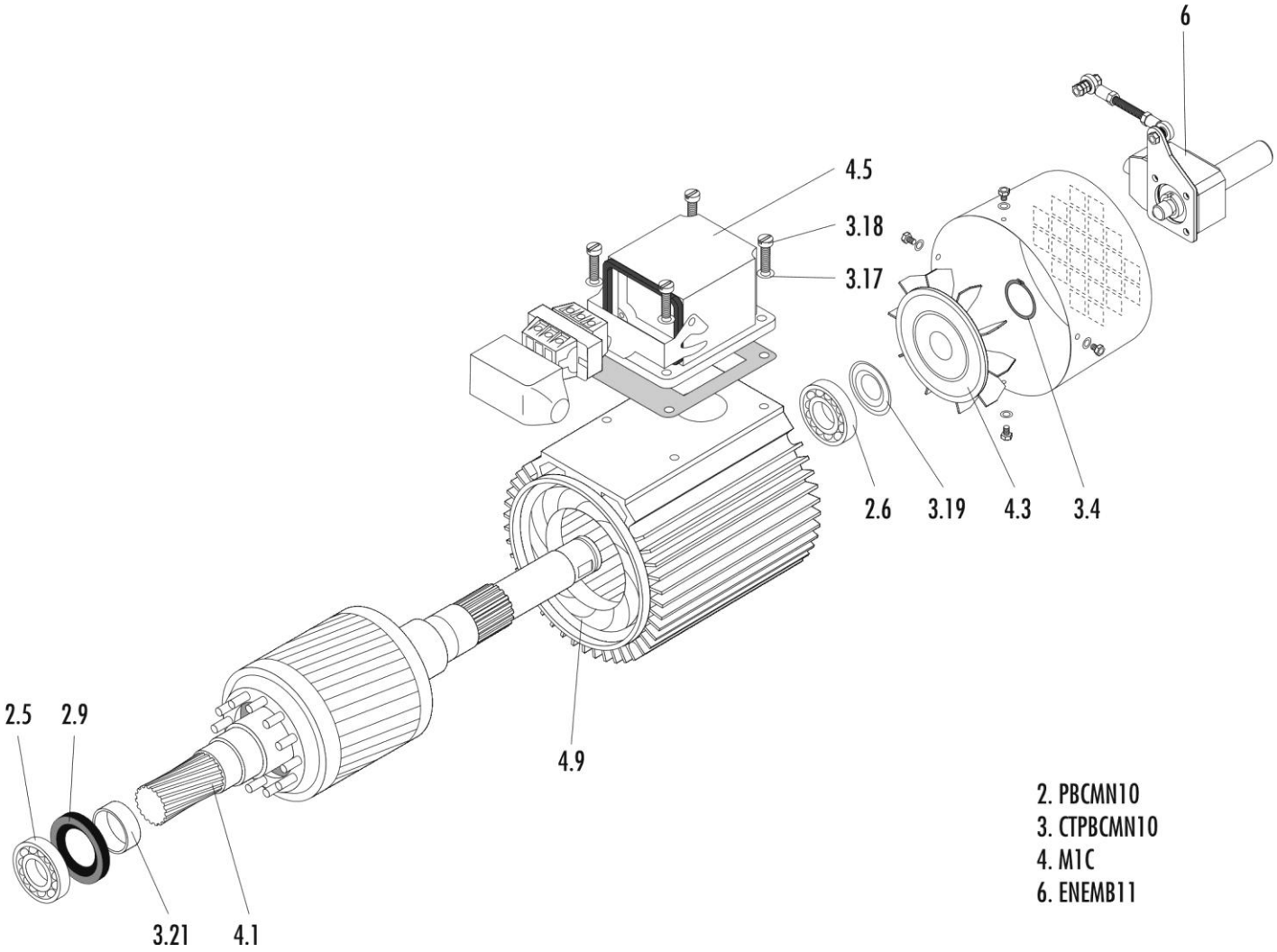


BIRRAIL TESTEROS





Nº	Uni.	Denominación	Désignation	Designation	Cod.
01	1	Motor elevación GHB11 3000/Var.	Moteur de levage GHB11 3000/Var.	Hoisting motor GHB11 3000/Inv.	M1C0B0V1
02	1	Freno Motor de Elevación GHB11	Frein moteur de levage GHB11	Hoist motor brake GHB11	F1B11
03	1	REDUCTORA DE ELEVACIÓN	RÉDUCTEUR DE LEVAGE GHB11	HOISTING GEAR BOX GHB11	R1BC2
04	1	Tambor GHB11 4/1 H2	Tambour GHB11 4/1 H2	Drum GHB11 4/1 H2	TB41H2B
05	1	APAREJO GHB11 4/1 4/2 Nº 2,5 ø	MOUFLE GHB11 4/1 4/2 Nº 2.5	BLOCK GHB11 4/1 4/2 Nº 2.5	ABEGG
06	1	Basculante Polea GHB11 ø160	Palonnier poulie de renvoi GHB11	Return sheave GHB11 ø160	POB001
07	1	Suspensión Punto Fijo GHB11	Suspension point fixe GHB11	Fixed point suspension GHB11	PFB00
08	1	Motor traslación VB0 1500/Var.	Moteur translation VB0 1500/Var.	Traveling motor VB0 1500/Inv.	M0A0P1V
09	1	Freno de Motor Traslación VB0	Frein de moteur translation VB0 Var.	Traveling motor brake VB0 Inv.	F0A1
10	1	REDUCTORA DE TRASLACIÓN	REDUCTEUR DE TRANSLATION	TRAVELING & ROTARY	R5B1A
12	1	Bastidor mono. A.R. GHB11 H2 1	Chassis HPR GHB11 H2 1 moteur	Low headroom frame GHB11 H2	BARBH2C1
14	1	Carenado GHB11 H2	Carénage GHB11 H2	Fairing GHB11 H2	CCABH2
15	1	Carenado Trasero GHB11 H2	Carénage Arrière GHB11 H2	Rear fairing GHB11 H2	CCABH2B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4.5
3.18
3.17
2.6
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4.3
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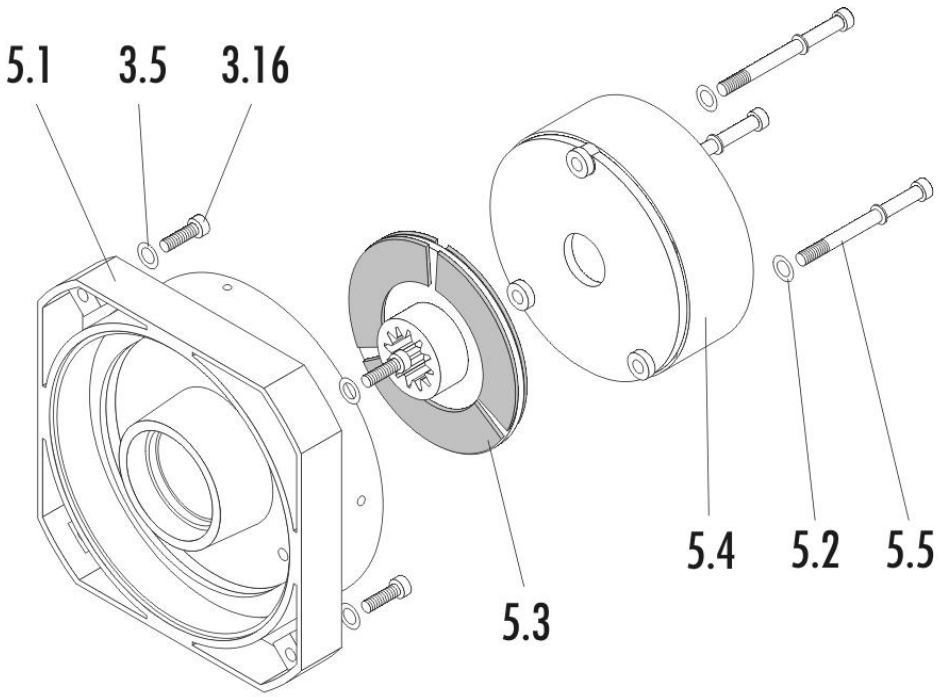
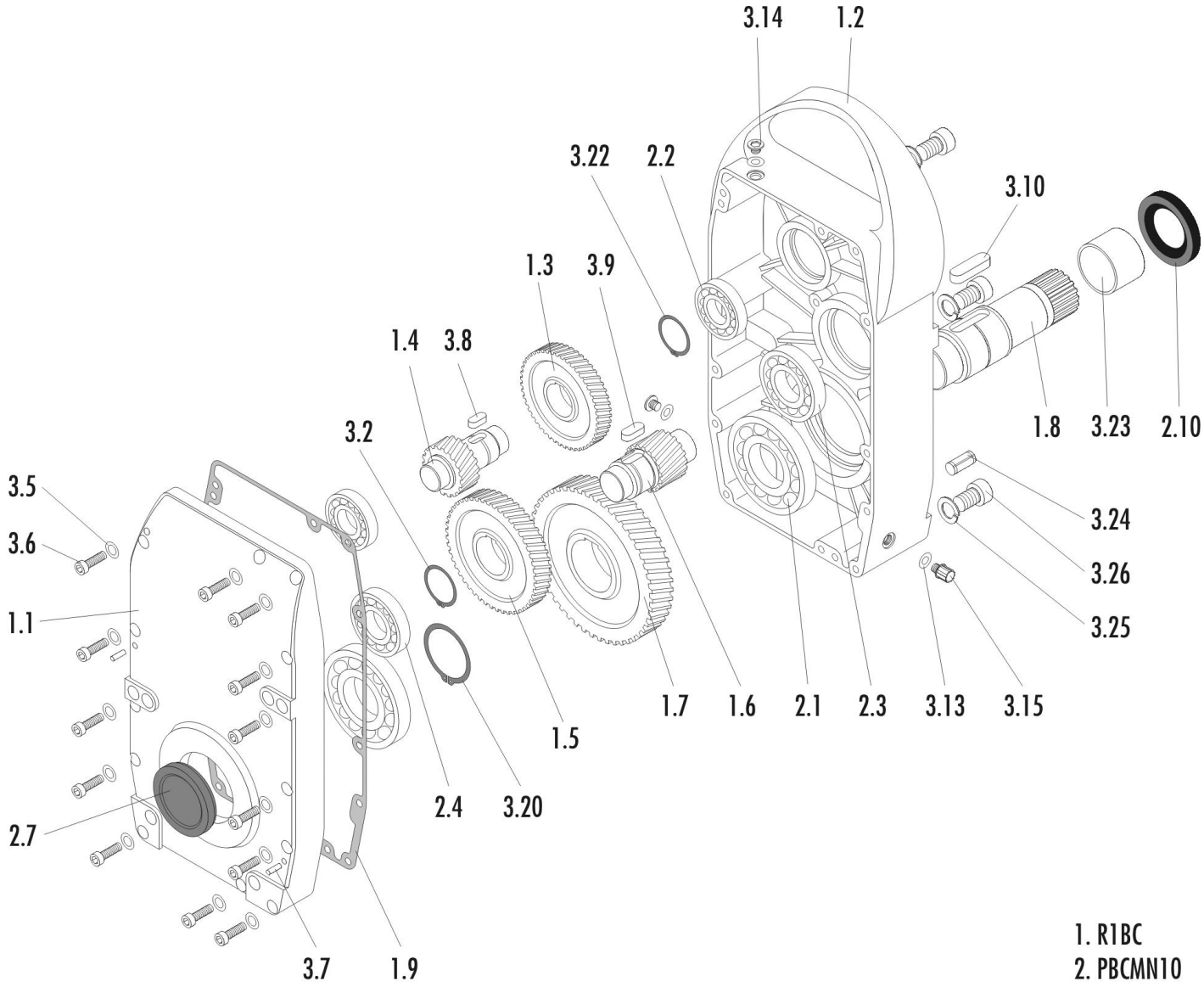
2.5
2.9
4.9
3.21
4.1
2. PBCMN10
3. CTPBCMN10
4. M1C
6. ENEMB11

Nº	Uni.	Denominación	Désignation	Designation	Cod.
4.1	1	Eje Rotor GHB11 Taco 110 Al Si	Arbre rotor GHB11-110 Al-Si	Rotor shaft GHB11-110 Al-Si	REB22
4.3	1	Ventilador MEC-100 C/T D.28 PVC	Ventilateur MEC-100 C/T D.28 PVC	Fan MEC-100 C/T D.28 PVC	C60-GB
4.5	1	Base de conector (10 Pins)	Base de connecteur (10 Pins)	Connection base (10 pins)	C0702A
4.9	1	Conj. Estator 400/50Hz	Ensemble stator 400/50Hz-3000/Var.	Stator set 400/50Hz-3000/Inv.	CES0B0V1
6	1	Encoder de elevación GHB11	Codeur de levage GHB11 (Moteur)	Hoisting encoder GHB11 (Motor)	ENEMB11



3. CTPBCMN10
5. F1B11

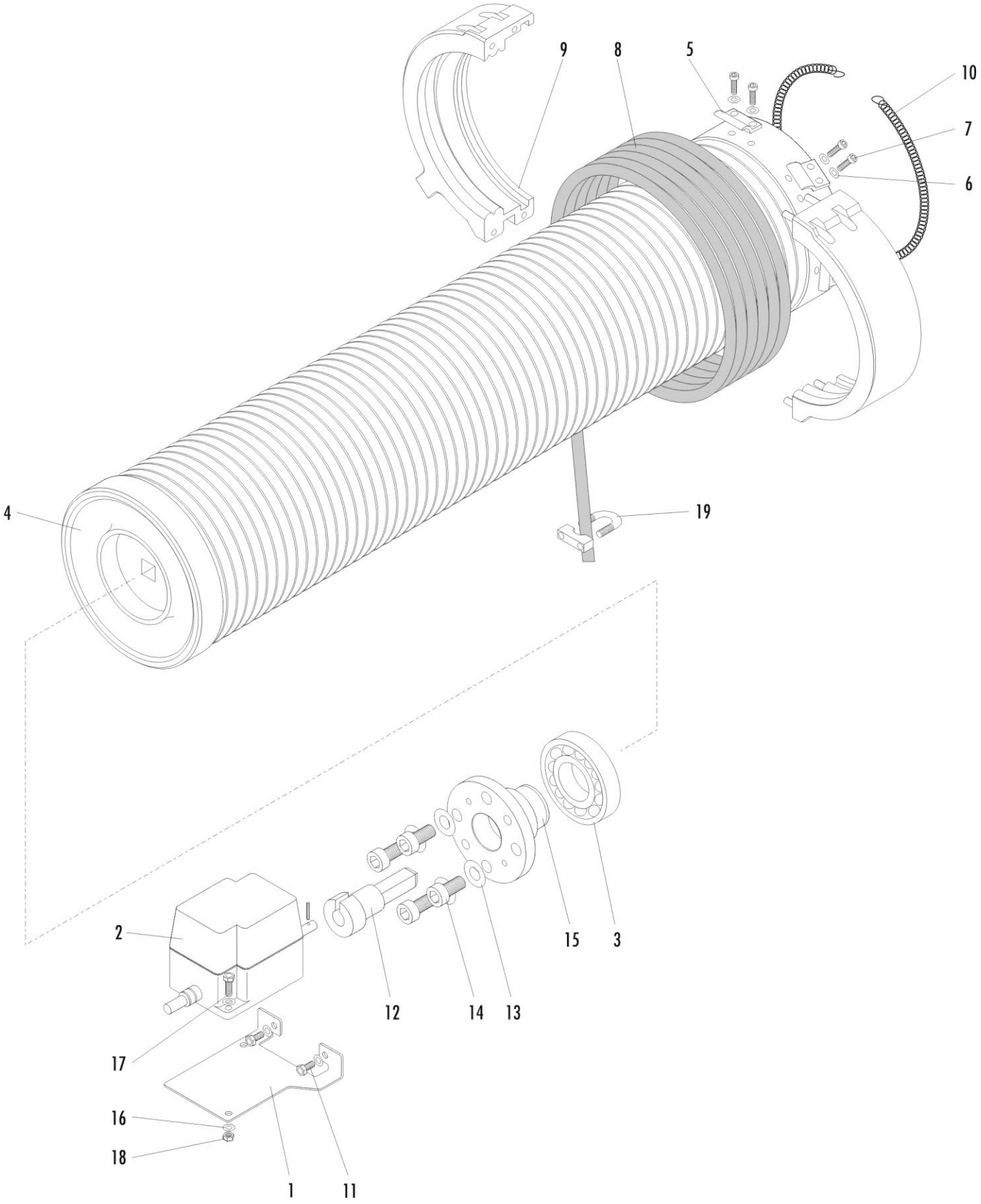
Nº	Uni.	Denominación	Désignation	Designation	Cod.
5.1	1	Tapa porta-freno GHB (2001)	Couvercle porte-frein GHB (2001)	Brake backing plate	018IGBA
5.2	3	Arandela grower A8 DIN 7980	Rondelle grower A8 DIN 7980	Lock washer A8 DIN 7980	C06003
5.3	1	Disco de freno	Disque de frein	Brake linning	C27EGB
5.4	1	Electroimán de Freno de Elevación	Électro-aimant de frein de levage	Hoist brake electromagnet GHB11	EL1B11
5.5	3	Tornillo M8x80 DIN 912	Vis M8x80 DIN 912	Socket head screw M8x80 DIN	C56046



1. R1BC
2. PBCMN10
3. CTPBCMN10

Nº	Uni.	Denominación	Désignation	Designation	Cod.
1.1	1	Tapa de caja reductora GHB11	Couvercle carter réducteur GHB11	Gear box cover GHB11	2030GBB
1.2	1	Caja reductora GHB11	Carter réducteur GHB11	Gear box GHB11	301EGBB
1.3	1	Corona dent. Z=58 M=2 (GHB11)	Couronne dentée Z=58 M=2	Gear wheel Z=58 M=2	G01D58BCC
1.4	1	Piñón dentado Z=20 M=2.5	Pignon denté Z=20 M=2.5 (GHB11)	Pinion shaft Z=20 M=2.5	G02E20BCC
1.5	1	Corona dent. Z=57 M=2.5 (GHB11)	Couronne dentée Z=57 M=2.5	Gear wheel Z=57 =2.5	G01E57BCC
1.6	1	Piñón dentado Z=15 M=3 (GHB11)	Pignon denté Z=15 M=3 (GHB11)	Pinion shaft Z=15 M=3	G02F15BCC
1.7	1	Corona dent. Z=60 M=3 (GHB11)	Couronne dentée Z=60 M=3	Gear wheel Z=60 M=3	G01F60BCC
1.8	1	Eje salida Red. ø58x196.75	Arbre sortie réducteur ø58x196.75	Output shaft ø58x196.75	E02E18
1.9	1	Junta caja reductora GHB11	Joint carcasse réducteur GHB11	Gear box joint GHB11	C310GBB
2	1	Conjunto Rod.-Retenes Red. GHB11	Ensemble de roulement-bague	Bearings and oil seals set GHB11	PBCMN10
3	1	Conj. Tornillería Reductora GHB11	Ensemble de visserie Réducteur	Screws and rings set Gear box	CTPBCMN10

Nº	Uni.	Denominación	Désignation	Designation	Cod.
2.01	2	Rodamiento 6310 DIN 625	Roulement 6310 DIN 625	Ball bearing 6310 DIN 625	C490189
2.02	2	Rodamiento 6206 DIN 625	Roulement 6206 DIN 625	Ball bearing 6206 DIN 625	C49018
2.03	1	Rodamiento 6307 DIN 625	Roulement 6307 DIN 625	Ball bearing 6307 DIN 625	C49039
2.04	1	Rodamiento 6207 DIN 625	Roulement 6207 DIN 625	Ball bearing 6207 DIN 625	C49019
2.05	1	Rodamiento 6207 DIN 625 1º	Roulement 6207 DIN 625 C3	Ball bearing 6207 DIN 625 C3	C49019C3
2.06	1	Rodamiento SKF 6207-2RS C3 DIN	Roulement SKF 6207-2RS C3 DIN	Bearing SKF 6207-2RS C3 DIN	C49020C3
2.07	1	Retén 80 Ciego F1	Bague d`étanchéité 80 sans trou	Blind oil seal 80 F1	C48-71
2.09	1	Retén 45-80-10 F1 DIN 3760	Bague d`étanchéité 45-80-10 DIN	Oil seal 45-80-10 DIN 3760 viton	C48-73C
2.10	1	Retén 58-80-12 DIN 3760	Bague d`étancheité 58-80-12 DIN	Oil seal 58-80-12 DIN 3760	C48-31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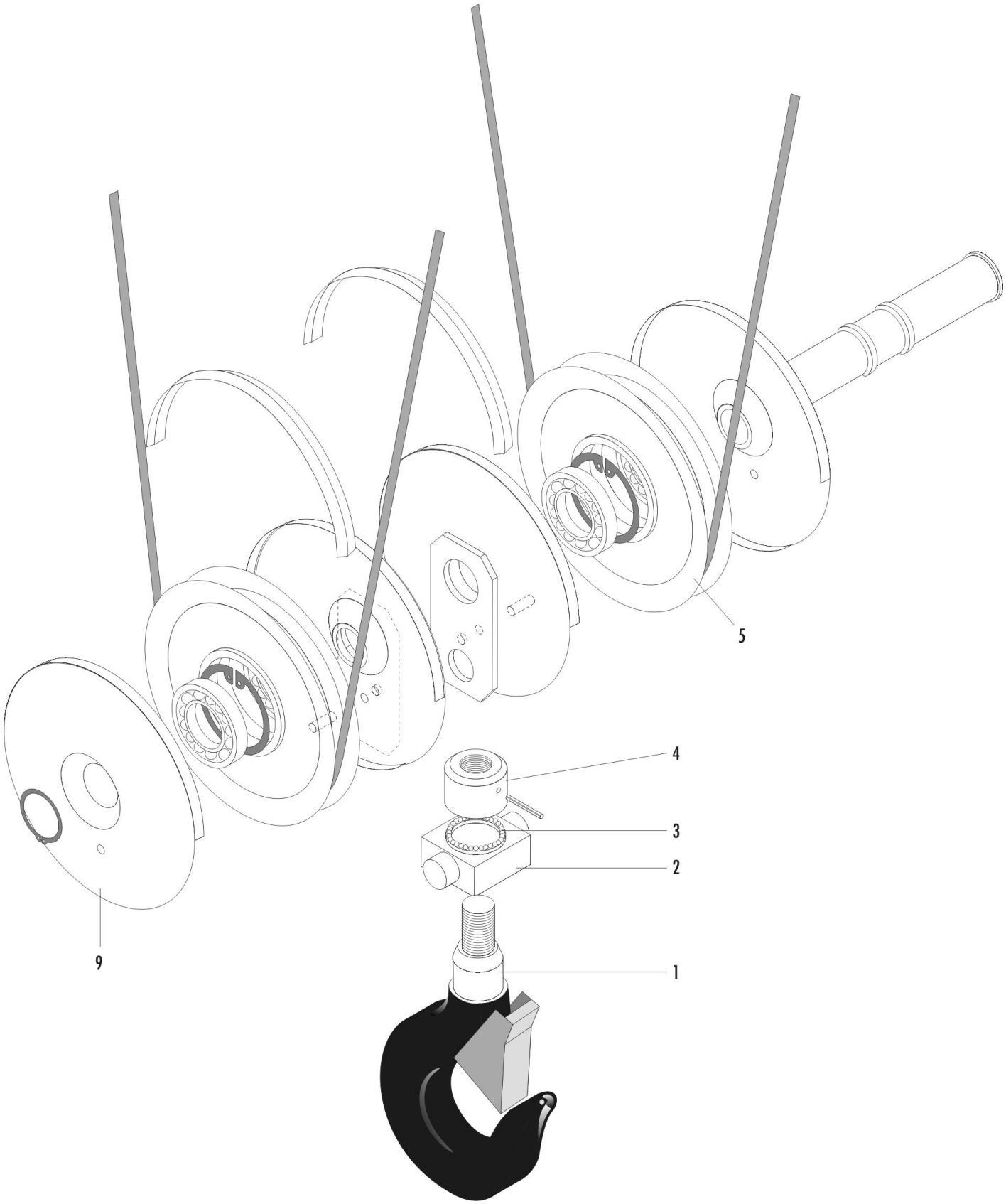
TB41H2B

Nº	Uni.	Denominación	Désignation	Designation	Cod.
01	1	Soporte para final de carrera GHB11	Support fin de course GHB11 e=3mm	Limit switch support	701000B
02	1	Final de carrera RAVASI MF2C	Fin de course RAVASI MF2C	Limit Switch RAVASI MF2C	C28-03
03	1	Rodamiento SKF 6207-2RS C3 DIN	Roulement SKF 6207-2RS C3 DIN	Bearing SKF 6207-2RS C3 DIN	C49020C3
04	1	Tambor de cable GHB11 1 rosca	Tambour GHB11 1 filetage ø151.5 x	Rope drum GHB11 Ø151,5x700	527B02AB
05	3	Grapa sujeta cable ø9 5/16	Bride fixe-câble ø 9 5/16	Bulldog grip ø 9 5/16	403-00
06	8	Arandela grower A6 DIN 7980	Rondelle grower A6 DIN 7980	Lock washer A6 DIN 7980	C06002
07	6	Tornillo Allen M6x20 DIN 912	Vis Allen M6x20 DIN 912	Socket head screw M6x20 DIN	C56007
08	31	Cable ø8,7 VS821EKR DCHA	Cable ø8.7 VS821EKR toron à droite	Rope ø8.7 VS821EKR Right	C11N87VD
09	1	Guía de cable GHB Rosca Izda Paso	Guide-câble GHB Filetage à Gauche	Rope guide Pitch 10 Left thread	C94B100
10	1	Muelle de cable pol. (GHB)	Ressort presse-câble (GHB)	Guide spring	C35-04
11	2	Tornillo HM6x12 DIN 933	Vis HM6x12 DIN 933	Hexagon bolt HM6x12 DIN 933	C56202
12	1	Eje transmisor ø32x81 l=1,6	Arbre transmission Ø32x81 l=1,6	Shaft drive Ø32X81	E0600
13	4	Arandela grower A10 DIN 7980	Rondelle grower A10 DIN 7890	Lock washer A10 DIN 7890	C06004
14	4	Tornillo Allen M10x20 DIN 912	Vis Allen M10x20 DIN 912	Socket head screw M10x20 DIN	C56021
15	1	Bulón apoya tambor GHB11	Axe appui tambour GHB11	Drum support bolt GHB11	004S118
16	4	Arandela plana A4 DIN 125	Rondelle plate A4 DIN 125	Washer A4 DIN 125	C06100
17	2	Tornillo M4x20 DIN 84	Vis M4x20 DIN 84	Bolt M4x20 DIN 84	C56407
18	2	Tuerca HM4 DIN 934	Ecrou HM4 DIN 934	Nut HM4 DIN 934	C59000
19	1	Sujeta cables 5/16" 8mm	Fixation câble 5/16" 8mm	Rope clamp 5/16" 8mm	C9901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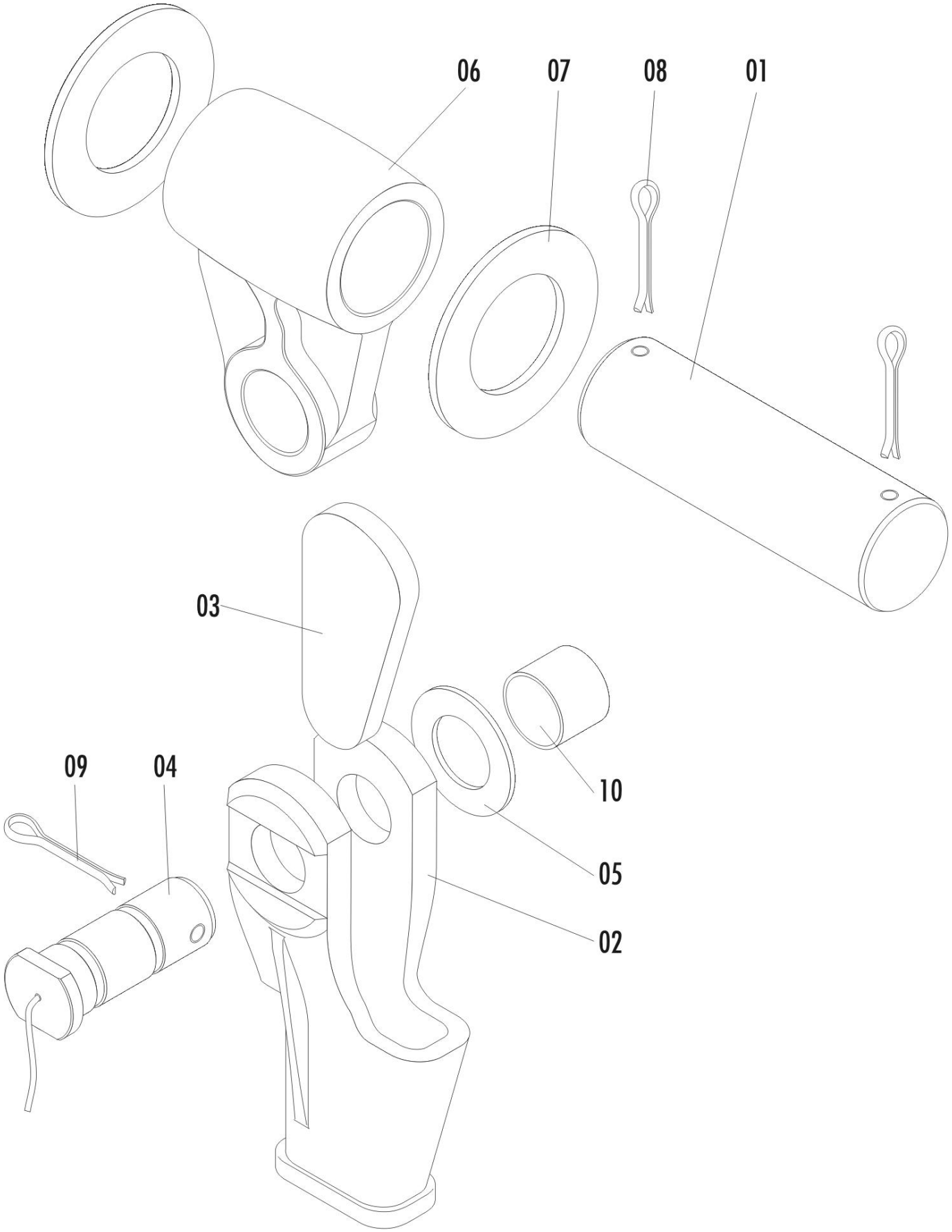
Nº	Uni.	Denominación	Désignation	Designation	Cod.
01	1	Gancho RSN2.5-T DIN15401	Crochet RSN2,5-T S/DIN 15401	Load Hook RSN2,5-SDIN	C30005
02	1	Travesaño Nº2.5 DIN 15412-B	Croisillon Nº2,5 DIN15412-B	Hook Croshead Nº2,5-S	C57B01
03	1	Rodamiento axial 51108 DIN 711	Roulement axial 51108 DIN 711	Ball thrust bearing 51108 DIN 711	C49670
04	1	Tuerca de gancho Nº2.5-S	Ecrou de crochet Nº2,5-S	Hook nut Nº2,5-S DIN15413-B	C59201
05	2	Roldana 160 Nº1040-D	Poulie ø160 Nº1040-D	Rope sheave ø160 Nº1040-D	C50-00
09	4	Tapa roldana para polea 160 ø 203	Couvercle pour poulie 160 ø 203	Sheave cover	203200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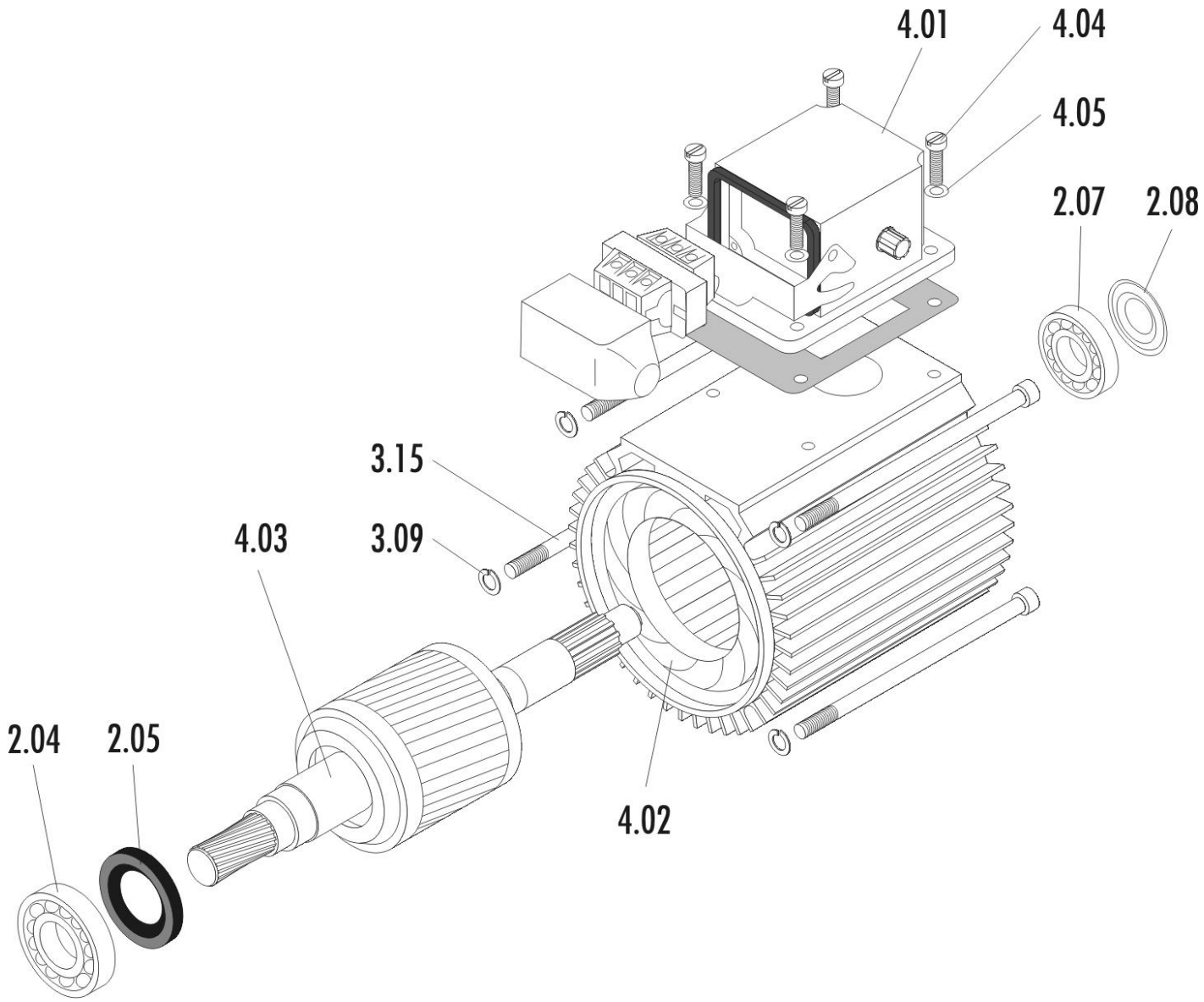
Nº	Uni.	Denominación	Désignation	Designation	Cod.
01	1	Eje bulón ø35x114 para punto fijo	Arbre galet ø34.8x114 pour point fixe	Wheel`s axle ø34.8x114	E0020
02	1	Portacuñas Punto Fijo GHB11	Point fixe boîte à coin GHB11	Anchor socket GHB11	C53-11
03	1	Lengüeta para cable ø9 5/16	Coin pour câble ø 9 5/16	Rope wedge ø 9 5/16	C32-00
04	1	Bulón de Pesaje GHA	Axe dynamomètrique de pesage GHA	Wheighing bolt GHA	C83P04
05	1	Arandela plana A22 DIN 125	Rondelle plate A22 DIN 125	Washer A22 DIN 125	C06115
06	1	Soporte Cuña GHB11	Support boite à coin GHB11	Anchor socket GHB11	C8800
07	2	Arandela plana A36 DIN 125	Rondelle plate A36 DIN 125	Washer A36 DIN 125	C06108
08	2	Pasador aleta ø6x60 DIN 94	Goupille ø6x60 DIN 94	Split pin ø6x60 DIN 94	C38101
09	1	Pasador aleta ø5x40 DIN 94	Goupille ø5x40 DIN 94	Cotter pin ø 5 DIN 94	C38100
10	1	Cojinete autolubri. MB 2220 DU	Coussinet autolubrifiant MB 2220	Roller bearing MB 2220 DU	C66A41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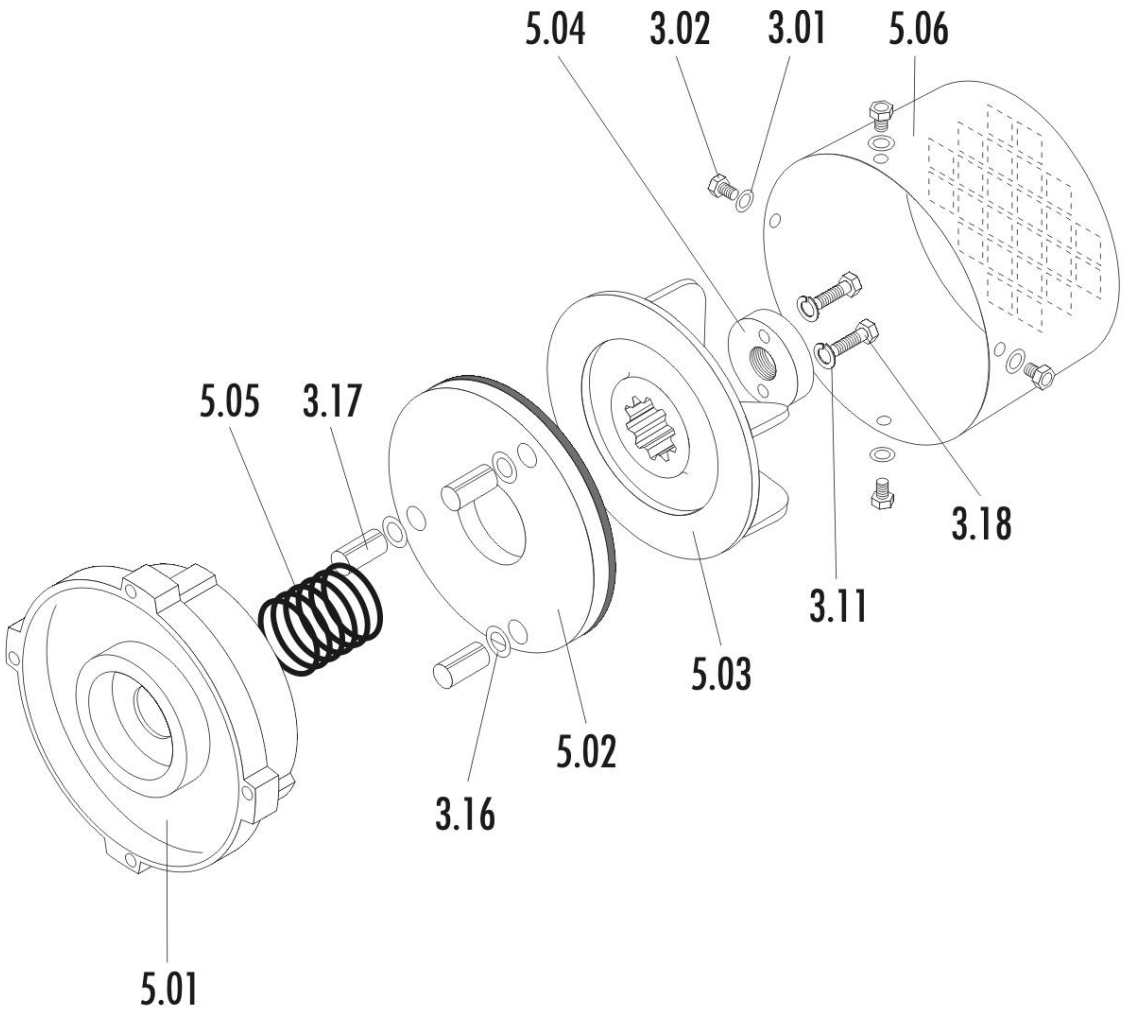
Nº	Uni.	Denominación	Désignation	Designation	Cod.
4.01	1	Base de conector (10 Pins)	Base de connecteur (10 Pins)	Connection base (10 pins)	C0702A
4.02	1	Conj. Estator 400/50Hz-1500/Var.	Ensemble stator 400/50Hz-1500/Var.	Stator set 400/50Hz-1500/Inv.	CES0P1V
4.03	1	Eje Rotor VB0 Taco 60 Al-Si	Arbre du rotor VB0-60 Al-Si	Rotor shaft VB0-60 Al-Si	RE012
4.04	4	Tornillo M4x12 DIN 84	Vis M4x12 DIN 84	Bolt M4x12 DIN 84	C56401
4.05	4	Arandela plana A4 DIN 125	Rondelle plate A4 DIN 125	Washer A4 DIN 125	C06100



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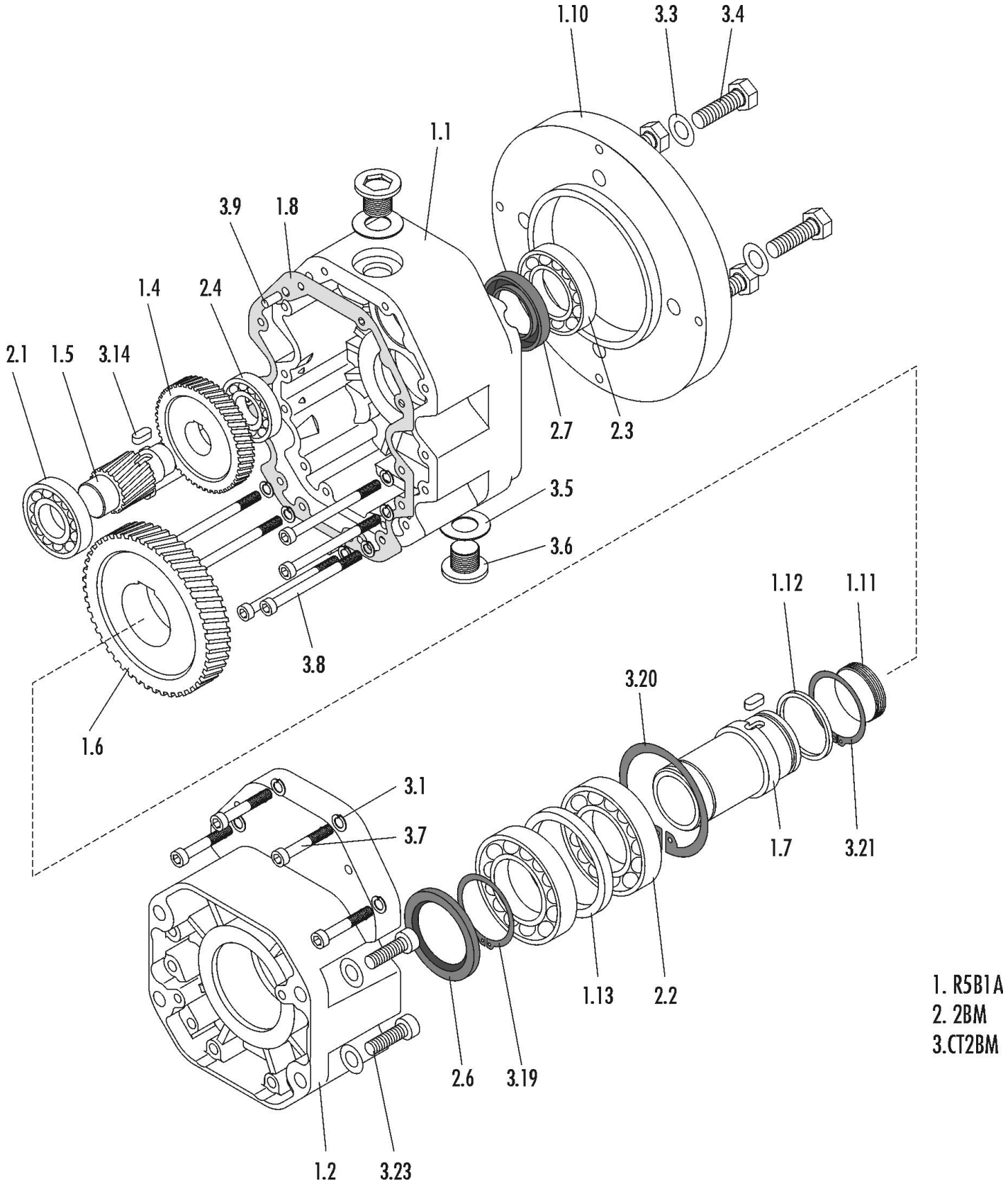
Nº	Uni.	Denominación	Désignation	Designation	Cod.
5.01	1	Electroimán de Freno de Traslación	Électro-aimant de frein de translation	Traveling brake electromagnet	EL0A
5.03	1	Ventilador VB (Variador)	Ventilateur VB (Variateur)	Fan VB (Inverter)	022KAV
5.04	1	Tuerca de reglaje ø50x14 para motor	Ecrou de reglage ø50x14	Adjusting brake nut ø50x14	021R00
5.06	1	Tapa de ventilador KA-VB1-VB2	Couvercle ventilateur KA-VB1-VB2	Fan cover KA-VB1-VB2 (154x12)	8011KA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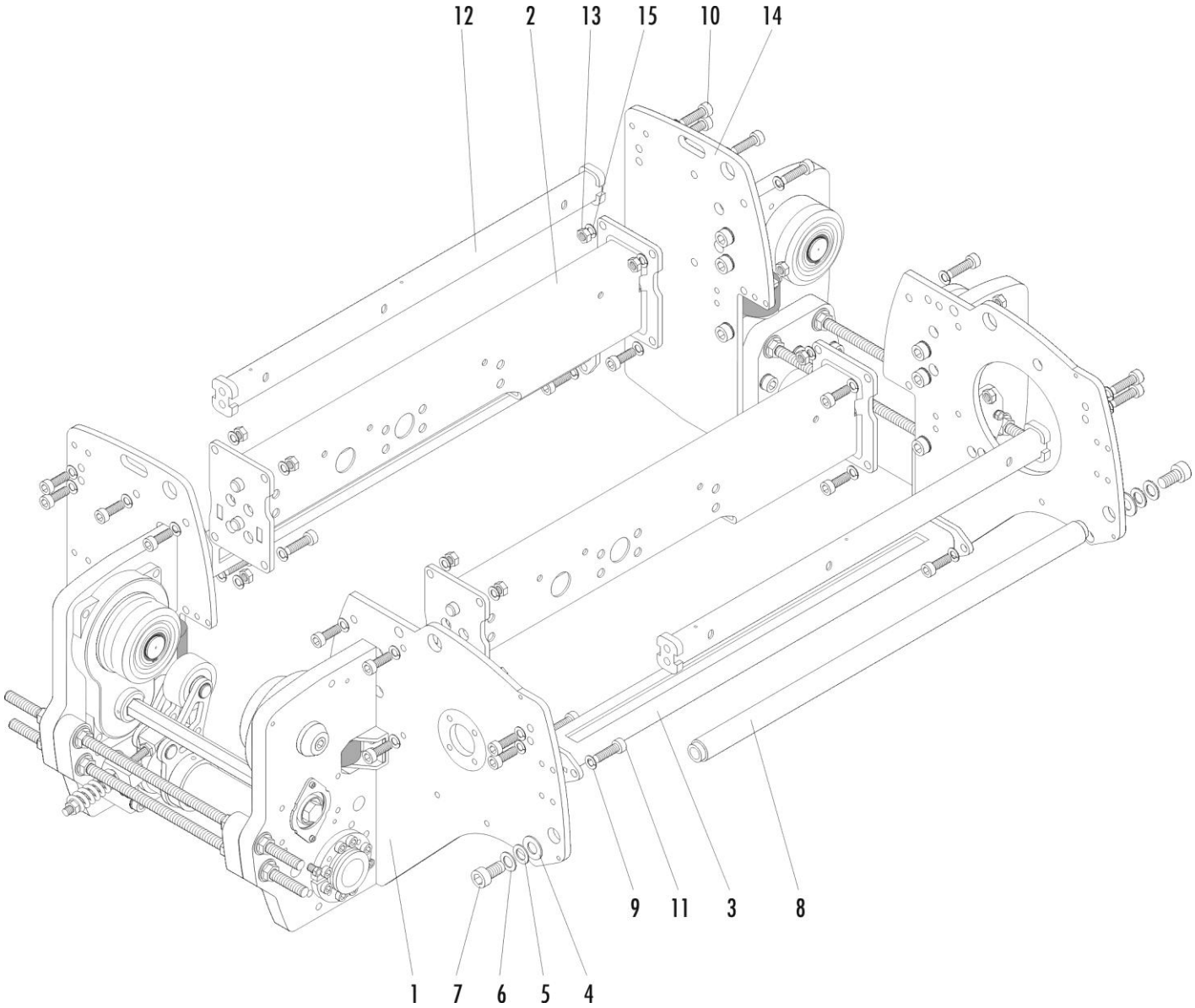
2. 2BM
3.CT2BM

Nº	Uni.	Denominación	Désignation	Designation	Cod.
1.01	1	Caja reductora RFS/100VB0-2T	Carter réducteur RFS/100VB0-2T	Gear box RFS/100VB0-2T	301T00
1.02	1	Tapa de caja reductora RFS/100	Couvercle carter réducteur RFS/100	Gear box cover RFS/100 VB0-2T	203114A
1.04	1	Corona dent. Z=41 M=1.25	Couronne dentée Z=41 M=1.25	Gear wheel Z=41 M=1.25	G01A41G0
1.05	1	Piñón dent. Z=16 M=1.25 (VB0-2T)	Pignon denté Z=16 M=1.25	Pinion shaft Z=16 M=1.25	G02A16G0C
1.06	1	Corona dent. Z=65 M=1.25	Couronne dentée Z=65 M=1.25	Gear wheel Z=65 M= 1.25	G01A65G0C
1.07	1	Eje de transmisión Ø40x79	Arbre de transmission Ø40X220	Output shaft Ø40X220	E02T160
1.08	1	Junta Caja Reduc. (RFS/100-2T)	Joint carcasse réducteur	Gear box joint RFS/100-2T	C310VB2
1.10	1	Brida VB0 Motor estator Ø130	Bride VB0 Moteur stator Ø130	Flange VB	029G00
1.11	1	Tapón de obturación M30X10 para	Bouchon de fermeture M30X10 pour	Stopper plug M30X10	037R00
1.12	1	Casquillo separador ø35/45x3 para	Bague ø35/45x3 pour Roulem. 6207	Spacer sleeve ø35/45x3 for	006316
1.13	1	Casquillo separador ø60,3/50,3x9	Bague ø60,3/50,3x9 S355JO	Spacer sleeve ø60,3/50,3x9	0063427
2.00	1	Conjunto Rod.-Retenes VB0-2T	Ensemble de roulem.-joint VB0-2T	Bearings and oil seals set VB0-2T	2BM
3.00	1	Conj. Tornillería Reductora	Ensemble de vis et rondelles	Screws and rings set RFS/100-2T	CT2BM

Nº	Uni.	Denominación	Désignation	Designation	Cod.
2.1	1	Rodamiento 6004 DIN 625	Roulement 6004 DIN 625	Ball bearing 6004 DIN 625	C49002
2.2	2	Rodamiento 6007 DIN 625	Roulement 6007 DIN 625	Ball bearing 6007 DIN 625	C49075
2.3	1	Rodamiento 6005-2RS DIN 625 1º	Roulement 6005-2RS DIN 625	Ball bearing 6005-2RS DIN 625	C49004C3
2.4	1	Rodamiento 6003 DIN 625	Roulement 6003 DIN 625	Ball bearing 6003 DIN 625	C49001
2.5	1	Rodamiento 6205-2RS DIN 625 1º	Roulement 6205-2RS DIN 625	Ball bearing 6205-2RS DIN 625	C49016C3
2.6	1	Retén 35-50-7 DIN 3760	Bague d`étanchéité 35-50-7 DIN	Oil seal 35-50-7 DIN 3760	C48-64
2.7	1	Retén 25-42-10 DIN 3760	Joint 25-42-10 DIN 3760	Oil seal 25-42-10 DIN 3760	C48-04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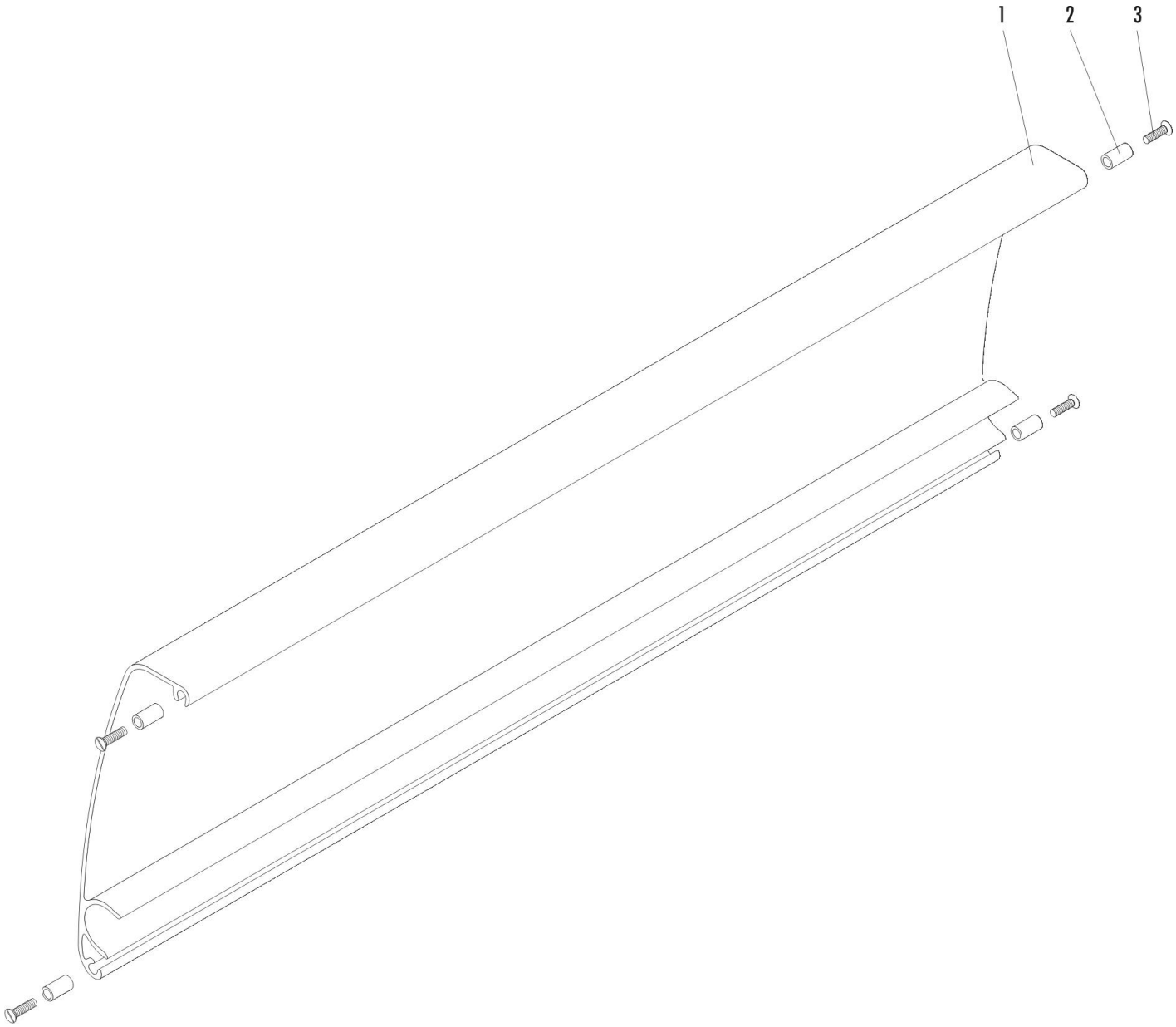
Nº	Uni.	Denominación	Désignation	Designation	Cod.
01	1	Lateral A.R. Motriz - Rodillo Fin de	Latérale HPR Moteur-Galet presseur	Side of Low H. geared-limit	LRBM0A
02	2	Estructura Soporte GHB11 H2	Structure support GHB11 H2	Support structure GHB11 H2	504VB2
03	2	Guía GHB11 H2 L=705mm	Guide-câble GHB11 H2 L=705mm	Guide GHB11 H2 L=705mm	5165BB1
04	2	Arandela Bastidor Patas y	Rondelle châssis à pattes et suspendu	Sealing ring ø30/13x5	606G023
05	2	Arandela plana A12 DIN 125	Rondelle plate A12 DIN 125	Washer A12 DIN 125	C06104
06	2	Arandela grower A12 DIN 7980	Rondelle grower A12 DIN 7980	Washer A12 DIN 7980	C06005
07	2	Tornillo M12x40 DIN 912	Vis M12x40 DIN 912	Socket head screw M12x40 DIN	C56043
08	1	Separador GHA/GHB11 H2	Séparateur GHA/GHB11 H2	Spacer GHA/GHB11 H2	E26A2A
09	14	Arandela grower A10 DIN 7980	Rondelle grower A10 DIN 7890	Lock washer A10 DIN 7890	C06004
10	18	Tornillo Allen M10x40 DIN 912	Vis Allen M10x40 DIN 912	Socket head screw M10x40 DIN	C56067
11	14	Tornillo Allen M10x20 DIN 912	Vis Allen M10x20 DIN 912	Socket head screw M10x20 DIN	C56021
12	2	Separador GHB11 H2	Entretoise GHB11 H2	Spacer GHB11 H2	504XB2
13	18	Tuerca autoblocante HM10 DIN 985	Ecrou autobloquant HM10 DIN 985	Self-locking nut HM10 DIN 985	C59100
14	1	Lateral A.R. Loco - Red. elev.	Latérale HPR Fou-Réduc. levage	Side of Low H. ungeared-gear box	LRBL0B
15	36	Arandela plana A10 DIN 125	Rondelle plate A10 DIN 125	Washer A10 DIN 125	C06103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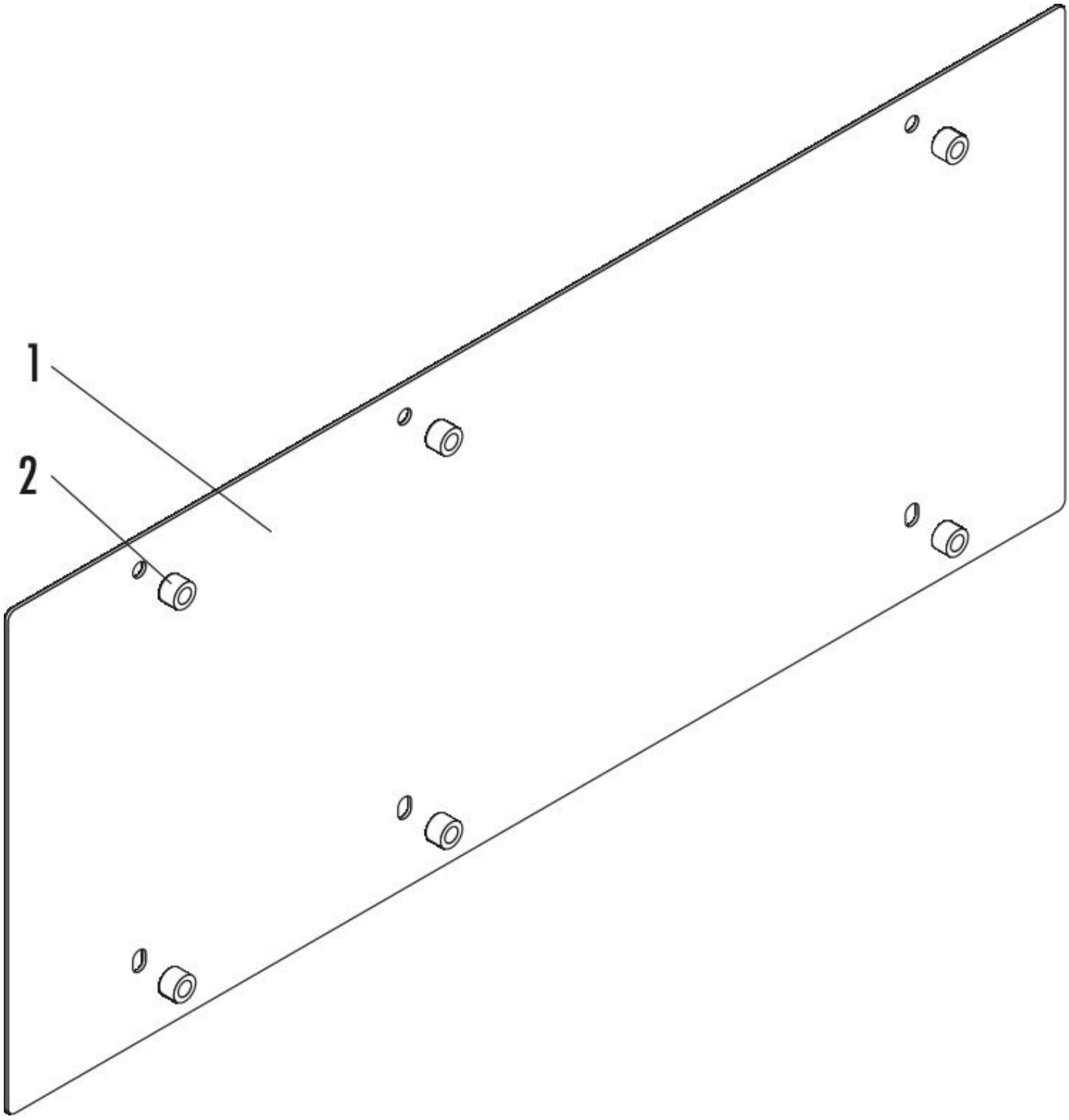
Nº	Uni.	Denominación	Désignation	Designation	Cod.
01	1	Carenado bastidor H2 GHB11	Carénage chassis H2 GHB11 704 mm	Frame fairing H2 GHB11 704mm	C97BH2
02	4	Taco de 7	Taquet 7	Cleat 7	03807
03	4	Tirafondo de 6	Boulon d’ancrage 6	Anchor bolt 6	C56906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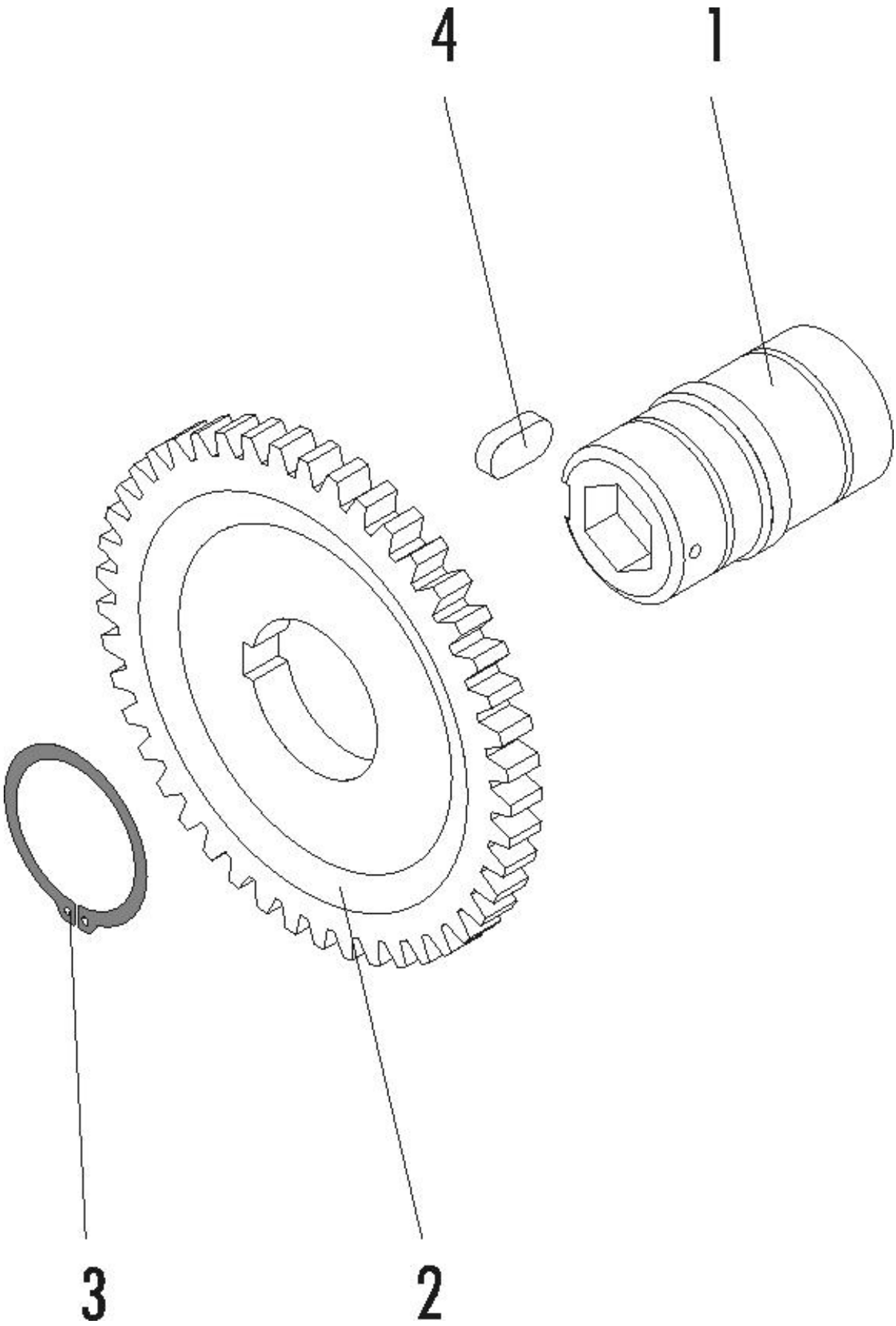
Nº	Uni.	Denominación	Désignation	Designation	Cod.
01	1	Carenado trasero AR GHB11 H2	Carénage arrière HPR GHB11 H2	Rear fairing AR GHB11 H2	C97BH2B
02	6	Casquillo separador 9/15x10 F111	Bague 9/15x10 F111 Zingué blanc	Spacer sleeve 9/15x10 F111	0063417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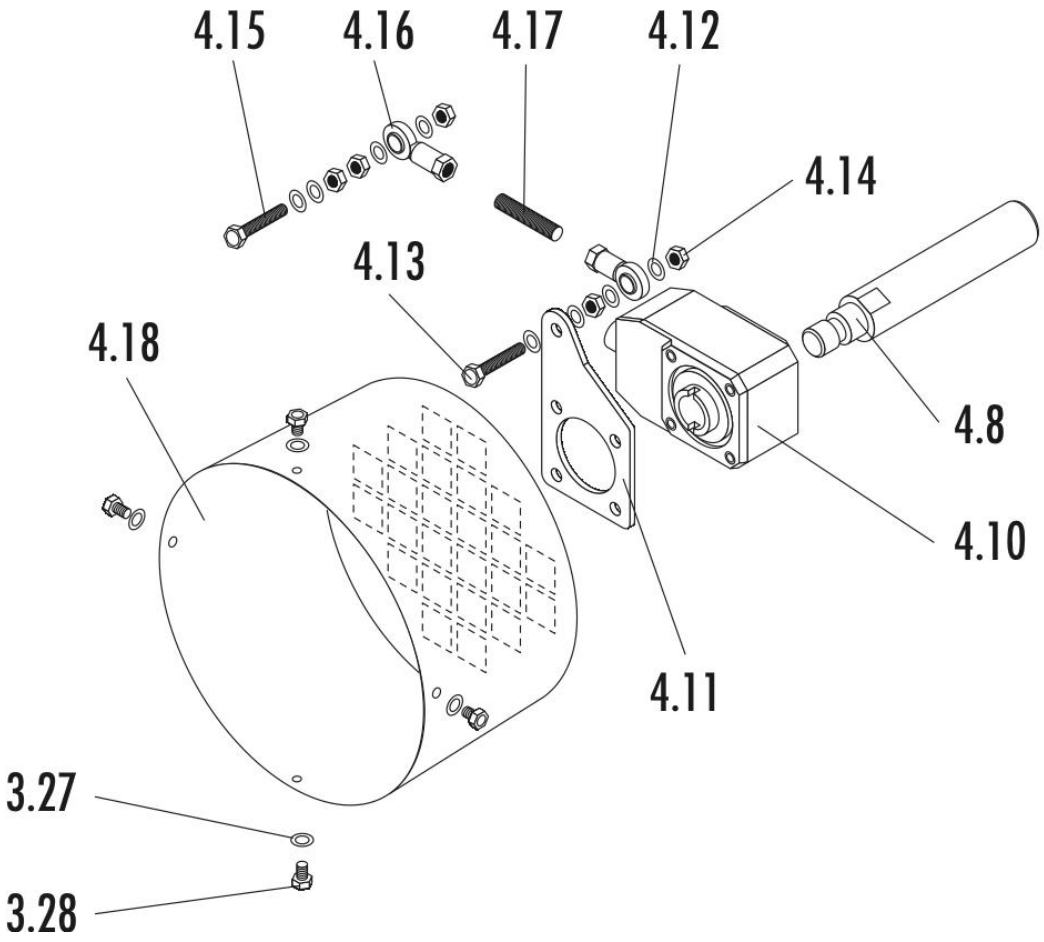
Nº	Uni.	Denominación	Désignation	Designation	Cod.
01	1	Eje portapiñón A.R. GHB11	Axe porte-pignon HPR GHB11	Pinion holder axle GHB11	E27B
02	1	Piñón dent. Z=22 M=4 ø96x15	Pignon denté Z=22 M=4 ø96x15	Pinion shaft Z=22 M=4	G02H22B11
03	1	Anillo retensor 40x1,75 DIN 471	Circlips 40x1.75 DIN 471	Retainer ring 40x1.75 DIN 471	C04E06
04	1	Chaveta 12x8x30 DIN 6885 cortada	Clavette 12x8x30 DIN 6885	Key 12x8x30 DIN 6885	C15A1016

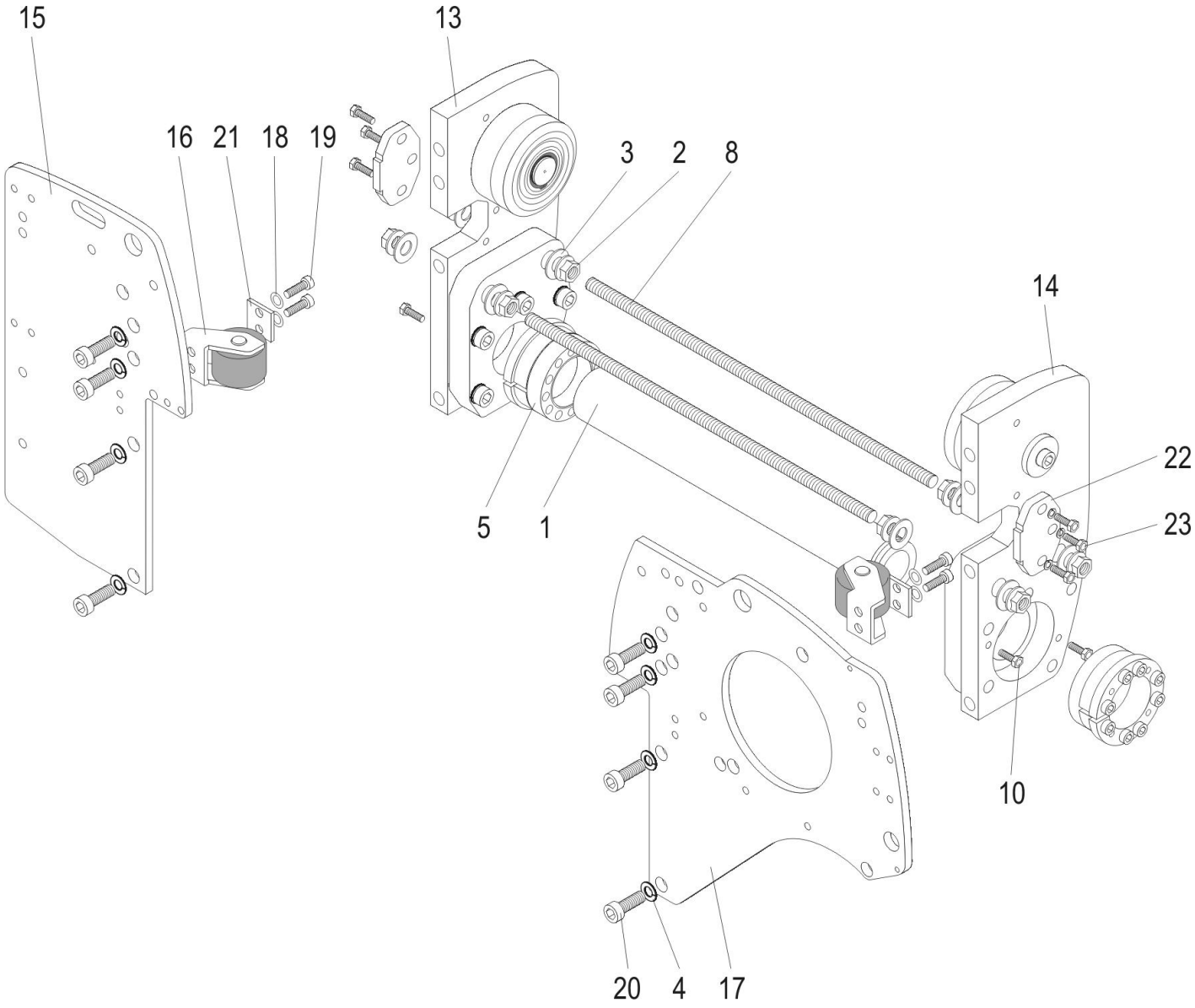
Nº	Uni.	Denominación	Désignation	Designation	Cod.
3.01	16	Arandela grower A5 DIN 7980	Rondelle grower A5 DIN 7980	Lock washer A5 DIN 7980	C06001
3.02	4	Tornillo HM5x10 DIN 933	Vis HM5x10 DIN 933	Hexagon bolt HM5x10 DIN 933	C56200
3.03	8	Arandela grower A8 DIN 7980	Rondelle grower A8 DIN 7980	Lock washer A8 DIN 7980	C06003
3.04	4	Tornillo HM8x20 DIN 933	Vis HM8x20 DIN 933	Hexag.bolt HM8x20 DIN 933	C56207
3.05	2	Arandela D17/22,5x1 DIN 7603	Rondelle D17/22,5x1 DIN 7603	Sealing ring D17/22,5x1 DIN	C06500
3.06	2	Tapón de aceite 3/8" Gas DIN 908	Bouchon d`huile 3/8"Gas DIN 908	Screw plug 3/8"Gas DIN908	C52-00
3.07	4	Tornillo Allen M5x35 DIN 912	Vis Allen M5x35 DIN 912	Socket head screw M5x35 DIN	C56085
3.08	8	Tornillo Allen M5x70 DIN 912	Vis Allen M5x70 DIN 912	Socket head screw M5x70 DIN	C56091
3.09	2	Pasador ø5x20 DIN 6325	Goujon ø5x20 DIN 6325	Pin ø5x20 DIN 6325	C38002
3.10	1	Arandela de presión ondulada M52	Rondelle de pression ondulée M52	Wavy washer M52	C06401
3.11	6	Arandela grower A6 DIN 7980	Rondelle grower A6 DIN 7980	Lock washer A6 DIN 7980	C06002
3.12	4	Tornillo Allen M6x180 DIN 912	Vis Allen M6x180 DIN 912	Socked head screw M6x180 DIN	C56060
3.14	2	Chaveta 6x6x14 DIN 6885	Clavette 6x6x14 DIN 6885	Key 6x6x14 DIN 6885	C15A00
3.16	3	Arandela plana A6 DIN 125	Rondelle plate A6 DIN 125	Washer A6 DIN 125	C06101
3.17	3	Pasador elástico ø6x18 DIN 1481	Goupille élastique ø6x18 DIN 1481	Elastic pin ø6x18 DIN 1481	C38206
3.18	2	Tornillo HM6x25 DIN 933	Vis HM6x25 DIN 933	Hexagon bolt HM6x25 DIN 933	C56244
3.19	1	Anillo retensor 35x1,5 DIN 471	Circlips 35x1,5 DIN 471	Retainer ring 35x1,5 DIN 471	C04E05
3.20	1	Anillo retensor 62x2 DIN 472	Circlips 62x2 DIN 472	Retainer ring 62x2 DIN 472	C04I08
3.21	1	Anillo retensor 35x2,5 DIN 471	Circlips 35x2,5 DIN 471	Retainer ring 35x2,5 DIN 471	C04E41
3.23	4	Tornillo Allen M8x25 DIN 912	Vis Allen M8x25 DIN 912	Socket head screw M8x25	C56011

Nº	Uni.	Denominación	Désignation	Designation	Cod.
3.02	1	Anillo retensor 42x1,75 DIN 471	Circlips 42x1,75 DIN 471	Retainer ring 42x1,75 DIN 471	C04E07
3.04	1	Anillo retensor 28x1,5 DIN 471	Circlips 28x1,5 DIN 471	Retainer ring 28x1,5 DIN 471	C04E03
3.05	17	Arandela grower A8 DIN 7980	Rondelle grower A8 DIN 7980	Lock washer A8 DIN 7980	C06003
3.06	13	Tornillo Allen M8x45 DIN 912	Vis Allen M8x45 DIN 912	Socket head screw M8x45 DIN	C56082
3.07	2	Pasador ø8x28 DIN 6325	Goujon ø 8x28 DIN 6325	Pin ø 8x28 DIN 6325	C38000
3.08	1	Chaveta GHB11 10x8x13 DIN 6885	Clavette GHB11 10x8x13	Key GHB11 10x8x13	105A02
3.09	1	Chaveta GHB11 12x8x23 DIN 6885	Clavette GHB11 12x8x23	Key GHB11 12x8x23	105A03
3.10	1	Chaveta GHB11 16x10x27 DIN	Clavette GHB11 16x10x27	Key GHB11 16x10x27	105A04
3.13	3	Arandela D17/22,5x1 DIN 7603	Rondelle D17/22,5x1 DIN 7603	Sealing ring D17/22,5x1 DIN	C06500
3.14	2	Tapón de aceite 3/8" Gas DIN 908	Bouchon d`huile 3/8"Gas DIN 908	Screw plug 3/8"Gas DIN908	C52-00
3.15	1	Tapón de aceite 3/8" Gas Aireación	Bouchon d`huile 3/8"Gas Aération	Screw plug 3/8"Gas DIN 908	C52-04
3.16	4	Tornillo Allen M8x260 DIN 912	Vis Allen M8x260 DIN 912	Socket head screw M8x260 DIN	C56061
3.17	4	Arandela plana A4 DIN 125	Rondelle plate A4 DIN 125	Washer A4 DIN 125	C06100
3.18	4	Tornillo M4x12 DIN 84	Vis M4x12 DIN 84	Bolt M4x12 DIN 84	C56401
3.19	1	Arandela de presión ondulada M47	Rondelle de pression ondulée M47	Wavy washer M47	C06400
3.20	1	Anillo retensor 5x2 DIN 471	Circlips 5x2 DIN 471	Retainer ring 5x2 DIN 471	C04E38
3.21	1	Anillo IR 40x45x20.5	Anneau IR 40x45x20.5	Inner ring 40x45x20.5	C9500
3.22	1	Anillo retensor 35x1,5 DIN 471	Circlips 35x1,5 DIN 471	Retainer ring 35x1,5 DIN 471	C04E05
3.23	1	Anillo IR 50x58x30	Anneau IR 50x58x30	Inner ring 50x58x30	C9501
3.24	1	Pasador elástico ø16x20 DIN 1481	Goupille élastique ø16x20 DIN 1481	Elastic pin ø16x20 DIN 1481	C38224
3.25	3	Arandela grower A16 DIN 7980	Rondelle grower A16 DIN 7980	Lock washer A16 DIN 7980	C06007
3.26	3	Tornillo Allen M16x40 DIN 912	Vis Allen M16x40 DIN912 (8.8)	Socket head screw M16x40	C56066
3.27	4	Arandela grower A5 DIN 7980	Rondelle grower A5 DIN 7980	Lock washer A5 DIN 7980	C06001
3.28	4	Tornillo HM5x10 DIN 933	Vis HM5x10 DIN 933	Hexagon bolt HM5x10 DIN 933	C56200



3. CTPBCMN10
4. ENEMB11

Nº	Uni.	Denominación	Désignation	Designation	Cod.
4.08	1	Adaptador postizo de eje para	Adaptateur postiche de l`arbre pour	Adapter for encoder shaft IH-20 in	E2400
4.10	1	Encoder IH-20 500 Imp. 24 V	Codeur IH-20; 500 Imp.; 24 V.	Encoder IH-20; 500 Imp.; 24 V.	C01E02
4.11	1	Soporte de Encoder IH-20	Support de Codeur IH-20	Encoder support IH-20	701500
4.12	8	Arandela plana A6 DIN 125	Rondelle plate A6 DIN 125	Washer A6 DIN 125	C06101
4.13	1	Tornillo HM6x35 DIN 933	Vis HM6x60 DIN 933	Hexagon bolt HM6x60 DIN 933	C56258
4.14	5	Tuerca HM6 DIN 934	Ecrou HM6 DIN 934	Nut HM6 DIN 934	C59001
4.15	1	Tornillo HM6x25 DIN 933	Vis HM6x25 DIN 933	Hexagon bolt HM6x25 DIN 933	C56244
4.16	2	Cabeza de rótula GIR 6 UK	Tête de Rotule GIR 6 UK	Head of Knuckle GIR 6 UK	C51E04
4.17	1	Varilla roscada M6x35	Tige filetées M6x35	Thread bar M6x35	C62-04
4.18	1	Tapa de ventilador GHB ó VC-3T	Couvercle ventilateur GHB ou	Fan cover GHB or VC-3T for	8011KCE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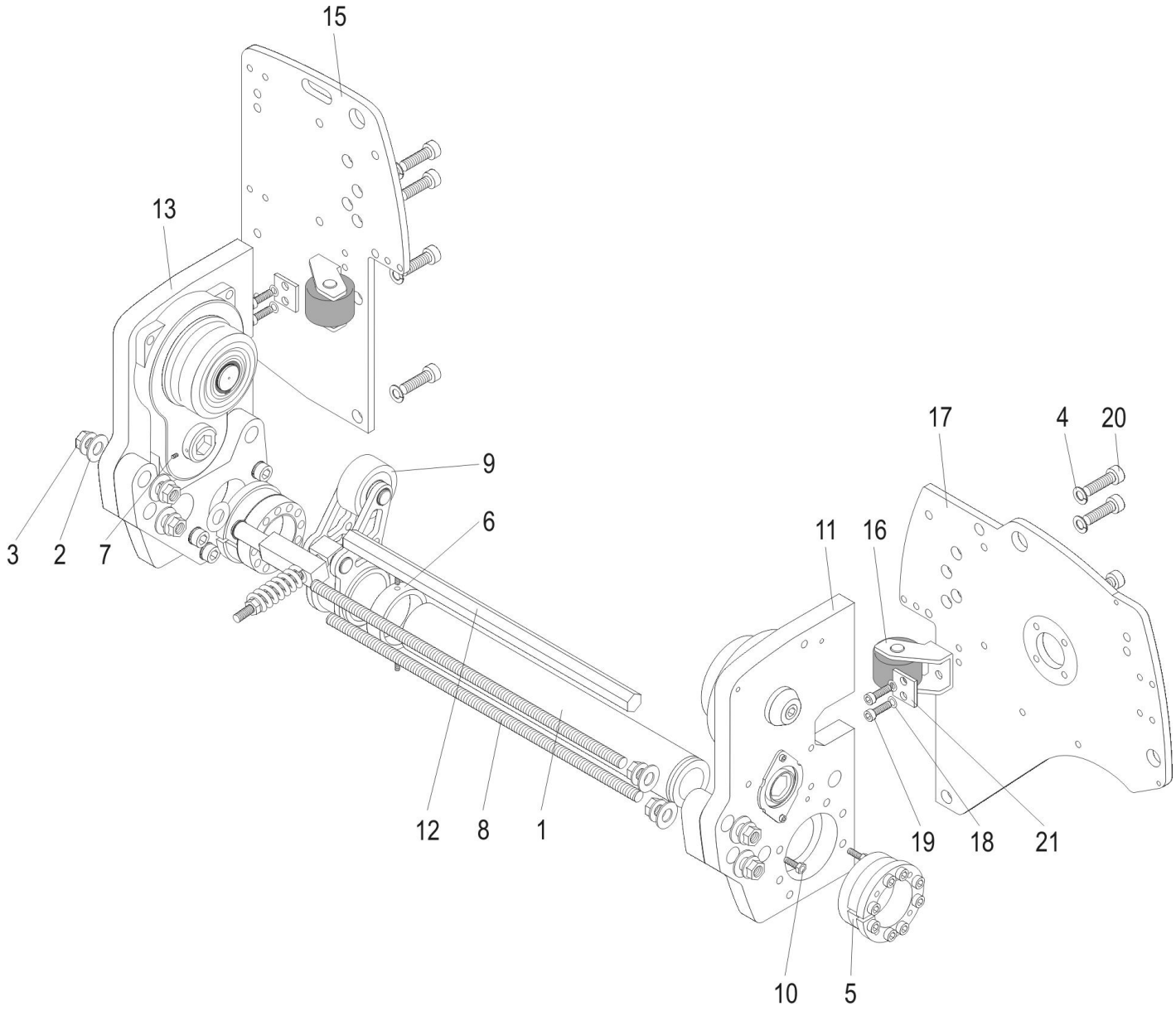
Nº	Uni.	Denominación	Désignation	Designation	Cod.
01	1	Eje separador A.R. Regulable	Arbre sépérateur HPR	Spacer shaft ø59.8x600 GHB11	0063423
02	8	Tuerca M20 DIN EN 1661 8.8	Ecrou M20 DIN EN 1661 8.8	Nut M20 DIN EN 1661	C591101
03	8	Arandela plana A20 DIN 125	Rondelle plate A20 DIN 125	Washer A20 DIN 125	C06106
04	8	Arandela grower A16 DIN 7980	Rondelle grower A16 DIN 7980	Lock washer A16 DIN 7980	C06007
05	2	Anillo de Bloqueo Ringblock 1720	Bague de blocage Ringblock 1720	Ringblock 1720 60x90	C8903
08	2	Varilla Roscada M20x600	Tige filetée M20x600	Threaded bar M20x600	C62-33
10	4	Tornillo HM10x30 DIN 933	Vis HM10x30 DIN 933	Hexag.bolt HM10x30 DIN 933	C56213
13	1	Conjunto Rueda Loca AR Simétrico	Ensemble galet fou HPR symétrique	Ungeared wheel set GHB11	RARB12
14	1	Conjunto Rueda Loca AR	Ensemble galet fou HPR	Ungeared wheel set GHB11	RARB11
15	1	Bastidor de polip. A. R. L/Traslación	Chassis palan HPR coté translation	Hoisting frame traveling side	5042B13B
16	2	Rodillo Lateral Bastidor A.R.	Contre-galet latéral sur Châssis HPR	Frame side roll Low headroom	SRLB02
17	1	Bastidor de polip. A. R. L/Reductor	Chassis palan HPR coté réducteur	Hoisting frame	5042B11B
18	10	Arandela grower A10 DIN 7980	Rondelle grower A10 DIN 7890	Lock washer A10 DIN 7890	C06004
19	4	Tornillo Allen M10x20 DIN 912	Vis Allen M10x20 DIN 912	Socket head screw M10x20 DIN	C56021
20	8	Tornillo M16x55 DIN 6912 (10.9)	Vis M16x55 DIN 6912 (10.9)	Bolt M16x55 DIN 6912	C56606
21	2	Refuerzo rodillo lateral GHB11	Renfort contre-galet latéral GHB11	Side roller reinforcement GHB11	606G031
22	2	Refuerzo rodillo lateral GHB11	Renfort galet de guidage GHB11	Side roller reinforcement GHB11	606G032
23	6	Tornillo HM10x20 DIN 933	Vis HM10x20 DIN 933	Hexag.Bolt HM10x20 DIN 933	C56261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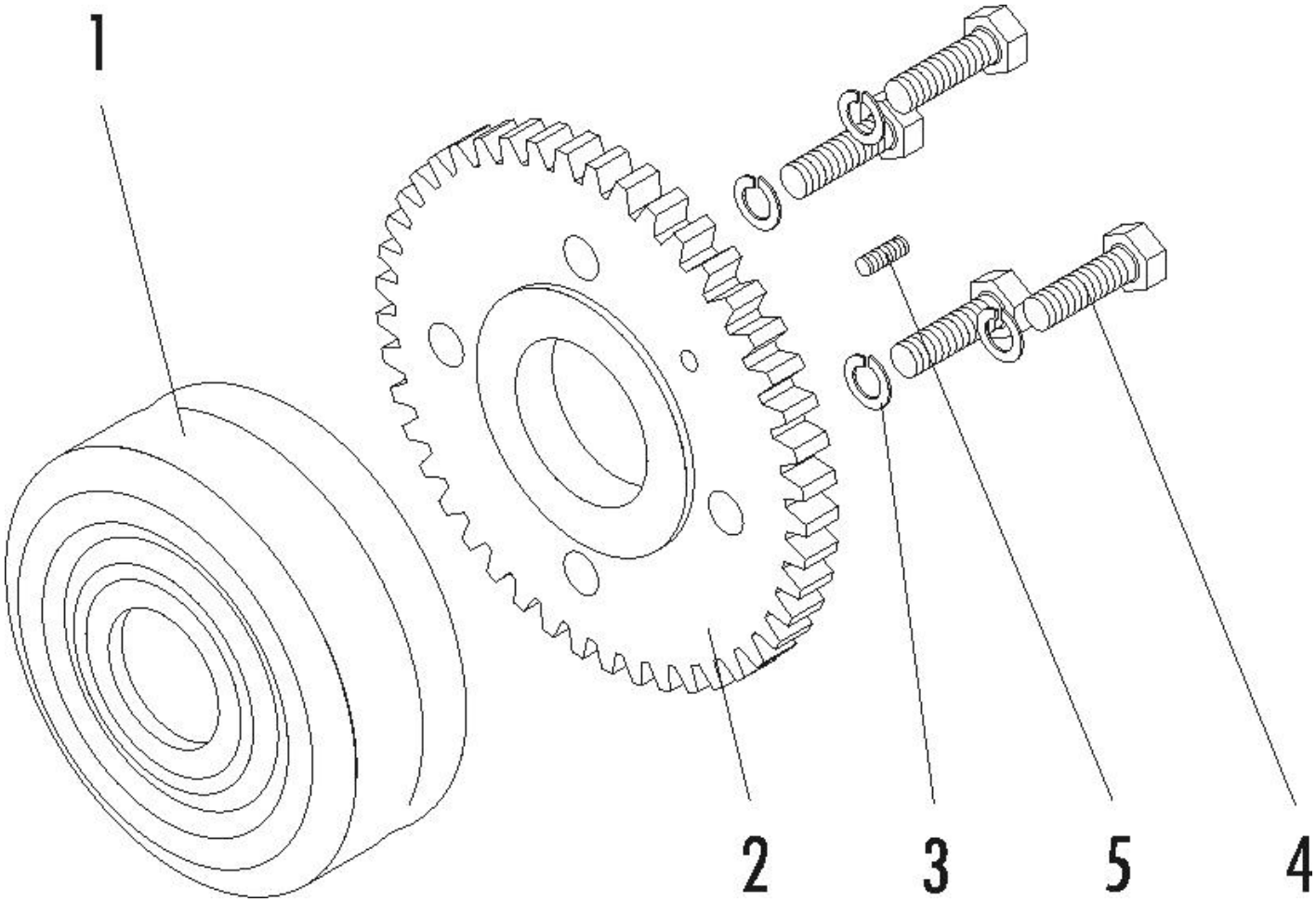
Nº	Uni.	Denominación	Désignation	Designation	Cod.
01	1	Eje separador A.R. Regulable	Arbre sépérateur HPR	Spacer shaft ø59.8x600 GHB11	0063423
02	9	Arandela plana A20 DIN 125	Rondelle plate A20 DIN 125	Washer A20 DIN 125	C06106
03	8	Tuerca M20 DIN EN 1661 8.8	Ecrou M20 DIN EN 1661 8.8	Nut M20 DIN EN 1661	C591101
04	8	Arandela grower A16 DIN 7980	Rondelle grower A16 DIN 7980	Lock washer A16 DIN 7980	C06007
05	2	Anillo de Bloqueo Ringblock 1720	Bague de blocage Ringblock 1720	Ringblock 1720 60x90	C8903
06	1	Casquillo Eje ø76,1/63,5x20 F-1110	Bague ø76,1/63,5x20 F-1110 Zingué	Axle sleeve ø76,1/63,5x20 F-1110	0063426
07	4	Prisionero M8x10 DIN 913	Vis prisionnier M8x10 DIN 913	stud bolt M8x10 DIN 913	C4401
08	2	Varilla Roscada M20x600	Tige filetée M20x600	Threaded bar M20x600	C62-33
09	1	Rodillo Antivuelco GHB11	Galet anti-soulèvement GHB11	Sprung roller GHB11	ROVB
10	4	Tornillo HM10x30 DIN 933	Vis HM10x30 DIN 933	Hexag.bolt HM10x30 DIN 933	C56213
11	1	Conjunto Rueda motriz AR	Ensemble galet moteur HPR	Geared wheel set GHB11	RARB22
12	1	Eje hexagonal entre caras 24	Arbre hexagonal entre flasque 24	Shaft drive 24 L=500mm	E0101B500
13	1	Conjunto Rueda motriz AR	Ensemble galet moteur HPR	Geared wheel set GHB11	RARB21
15	1	Bastidor de polip. A. R. L/Traslación	Chassis palan HPR coté translation	Hoisting frame traveling side	5042B13B
16	2	Rodillo Lateral Bastidor A.R.	Contre-galet latéral sur Châssis HPR	Frame side roll Low headroom	SRLB02
17	1	Bastidor de polip. A.R. L/F. de C.	Chassis palan HPR coté fin de course	Hoisting frame limit switch side	5042B12B
18	4	Arandela grower A10 DIN 7980	Rondelle grower A10 DIN 7890	Lock washer A10 DIN 7890	C06004
19	4	Tornillo Allen M10x20 DIN 912	Vis Allen M10x20 DIN 912	Socket head screw M10x20 DIN	C56021
20	8	Tornillo M16x55 DIN 6912 (10.9)	Vis M16x55 DIN 6912 (10.9)	Bolt M16x55 DIN 6912	C56606
21	2	Refuerzo rodillo lateral GHB11	Renfort contre-galet latéral GHB11	Side roller reinforcement GHB11	606G031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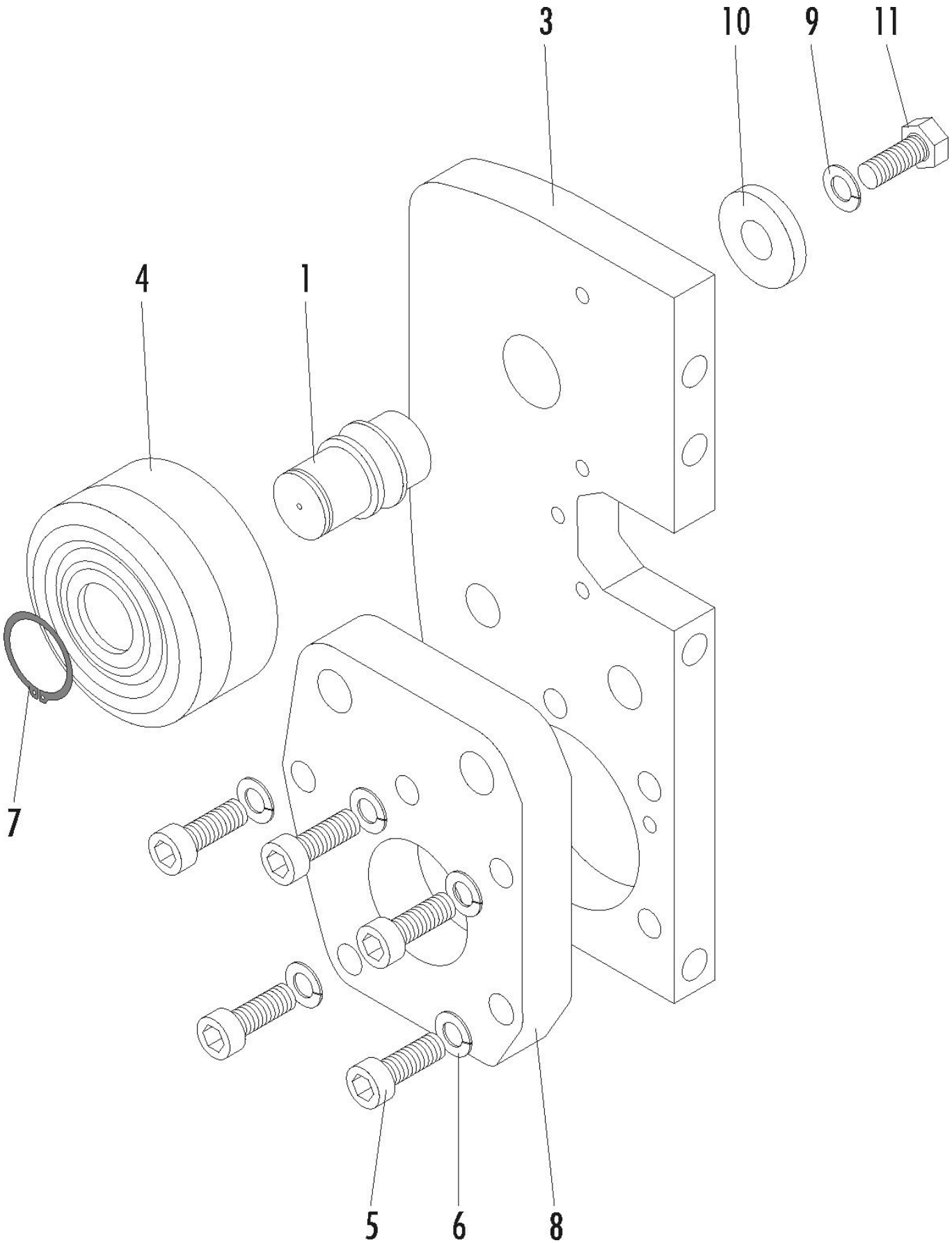
Nº	Uni.	Denominación	Désignation	Designation	Cod.
01	1	Paquete Rueda Loca ø105 AR	Ensemble de galet fou ø105 GHB11	Ungeared wheel package ø105	PRL105ARA
02	1	Corona den. Z=35 M=4 (GHB11)	Couronne dentée Z=35 M=4	Gear wheel Z=35 M=4	G01H35B
03	4	Arandela grower A8 DIN 7980	Rondelle grower A8 DIN 7980	Lock washer A8 DIN 7980	C06003
04	4	Tornillo HM8x25 DIN 933	Vis HM8x25 DIN 933	Hexag.bolt HM8x25 DIN 933	C56208
05	1	Pasador elástico ø8x24 DIN 1481	Goupille élastique ø8x24 DIN 1481	Elastic pin ø8x24 DIN 1481	C38211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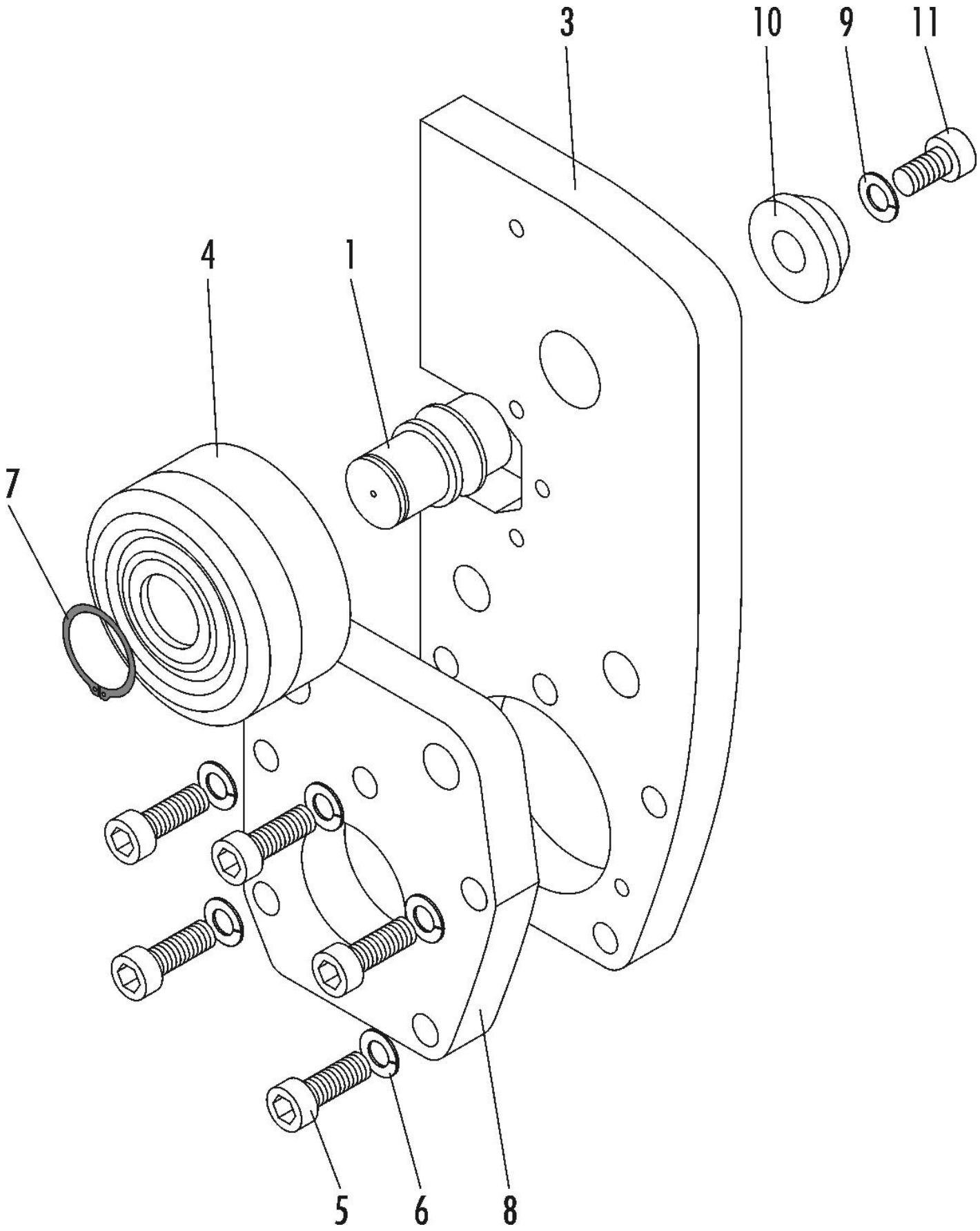
Nº	Uni.	Denominación	Désignation	Designation	Cod.
01	1	Eje rueda monorrail ø50x86,5	Axe galet monorail ø50x86,5 GHB11	Travel wheel axle ø50x86,5	E03A06
03	1	Placa de carro A.R lado rueda loca	Plaque chariot mono. HPR coté galet	Trolley plate. Ungeared side Low	606A01BB
04	1	Paquete Rueda Loca ø105 AR	Ensemble de galet fou ø105 GHB11	Ungeared wheel package ø105	PRL105ARA
05	5	Tornillo Allen M12x50 DIN 912	Vis Allen M12x50 DIN 912 (8.8)	Socket head screw M12x50 DIN	C56068
06	5	Arandela grower A12 DIN 7980	Rondelle grower A12 DIN 7980	Washer A12 DIN 7980	C06005
07	1	Anillo retensor 35x1,5 DIN 471	Circlips 35x1,5 DIN 471	Retainer ring 35x1,5 DIN 471	C04E05
08	1	Refuerzo Placa de carro A.R lado	Renfort plaque chariot mono. HPR	Trolley plate reinforcement A.R	606A01FB01N
09	1	Arandela grower A16 DIN 7980	Rondelle grower A16 DIN 7980	Lock washer A16 DIN 7980	C06007
10	1	Chapa soporte eje GHB11	Plaque support arbre GHB11	Shaft support plate GHB11	606G033
11	1	Tornillo HM16x35 DIN 933	Vis HM16x35 DIN 933	Hexag.bolt HM16x35	C56232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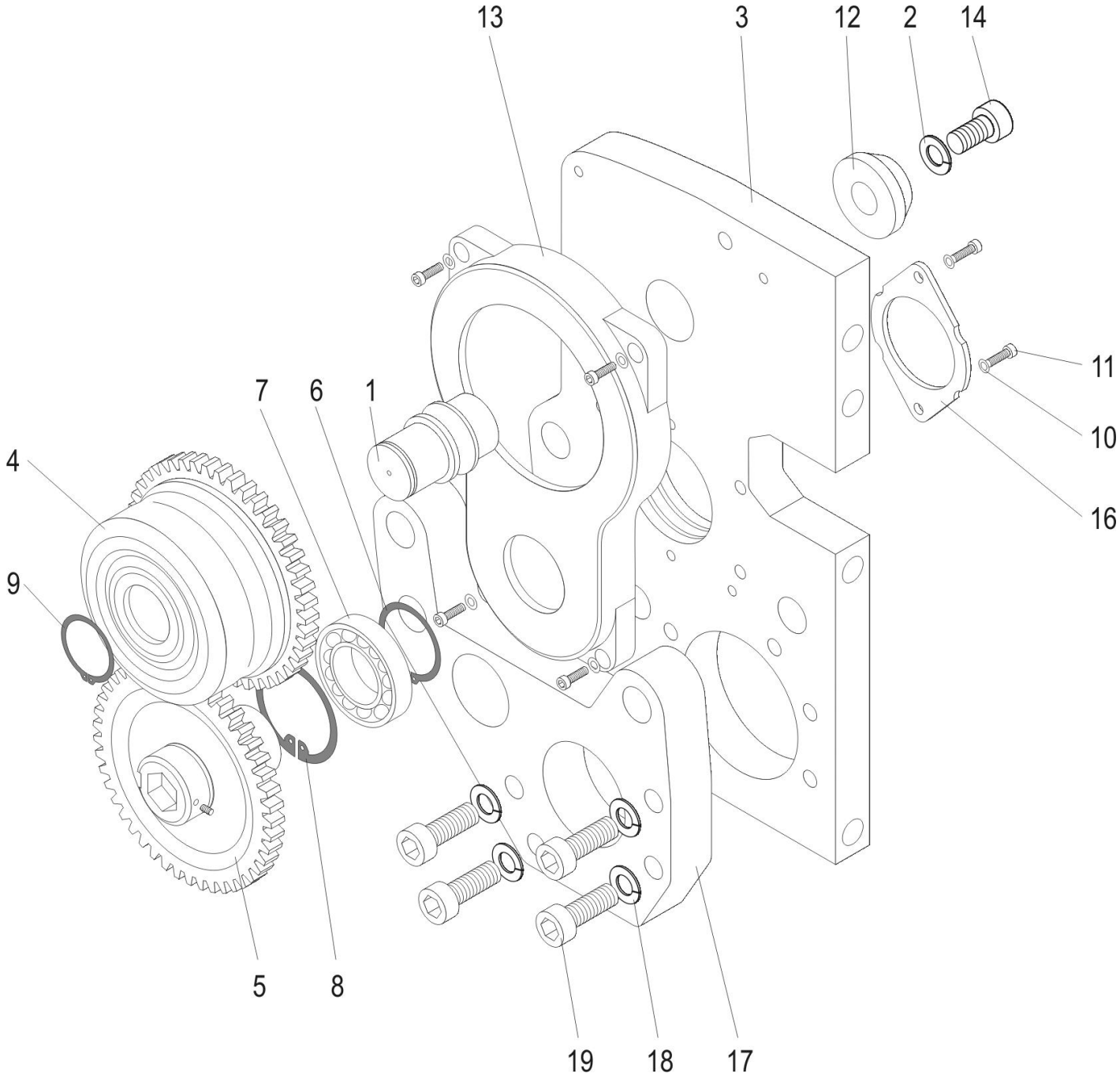
Nº	Uni.	Denominación	Désignation	Designation	Cod.
01	1	Eje rueda monorrail ø50x86,5	Axe galet monorail ø50x86,5 GHB11	Travel wheel axle ø50x86,5	E03A06
03	1	Placa de carro A.R lado rueda loca	Plaque chariot mono. HPR coté galet	Trolley plate. Ungeared side Low	606A01BB
04	1	Paquete Rueda Loca ø105 AR	Ensemble de galet fou ø105 GHB11	Ungeared wheel package ø105	PRL105ARA
05	5	Tornillo Allen M12x50 DIN 912	Vis Allen M12x50 DIN 912 (8.8)	Socket head screw M12x50 DIN	C56068
06	5	Arandela grower A12 DIN 7980	Rondelle grower A12 DIN 7980	Washer A12 DIN 7980	C06005
07	1	Anillo retensor 35x1,5 DIN 471	Circlips 35x1,5 DIN 471	Retainer ring 35x1,5 DIN 471	C04E05
08	1	Refuerzo Simétrico Placa de carro	Renfort symétrique plaque chariot	Trolley plate symmetrical	606A01FB01S
09	1	Arandela grower A16 DIN 7980	Rondelle grower A16 DIN 7980	Lock washer A16 DIN 7980	C06007
10	1	Casquillo rueda Ø55/17x21.5	Bague Ø55/17x21.5 Zingué blanc	Wheel sleeve Ø55/17x21.5	0063433
11	1	Tornillo M16x30 DIN 6912	Vis M16x30 DIN 6912	Bolt M16x30 DIN 6912	C56609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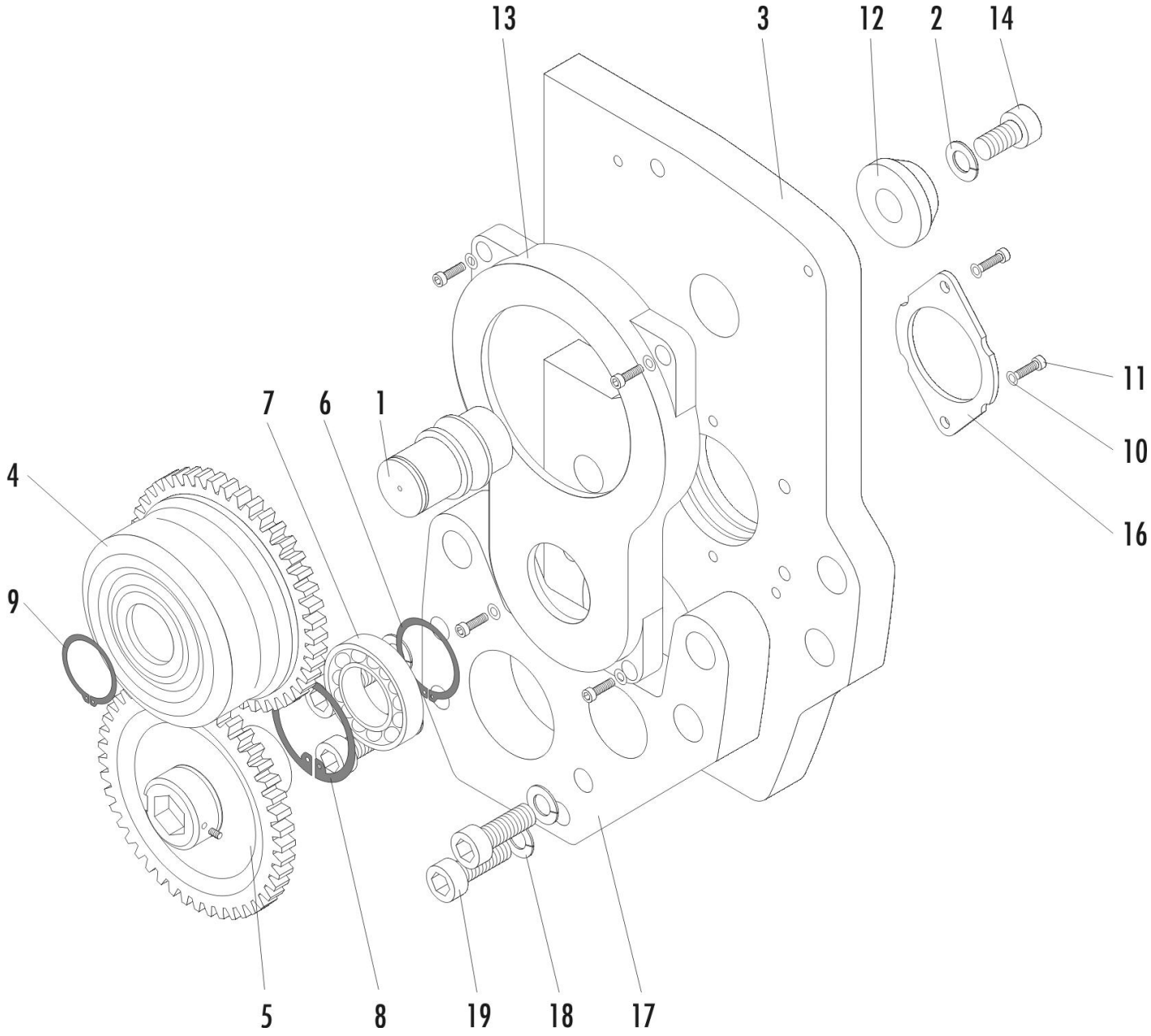
Nº	Uni.	Denominación	Désignation	Designation	Cod.
01	1	Eje rueda monorrail ø50x86,5	Axe galet monorail ø50x86,5 GHB11	Travel wheel axle ø50x86,5	E03A06
02	1	Arandela grower A16 DIN 7980	Rondelle grower A16 DIN 7980	Lock washer A16 DIN 7980	C06007
03	1	Chapa carro A.R. rueda motriz	Tôle chariot mono. HPR coté galet	Trolley plate. Geared side Low H.	606A01CB
04	1	Paquete Rueda Motriz ø105 AR	Ensemble de galet moteur ø105 HPR	Geared wheel package ø105 Z=35	PRM105ARAZ3
05	1	Conjunto Piñón Z=22 A.R.	Ensemble pignon Z=22 HPR	Pinion set Z=22	CPIB22
06	1	Anillo retensor 40x1,75 DIN 471	Circlips 40x1.75 DIN 471	Retainer ring 40x1.75 DIN 471	C04E06
07	1	Rodamiento 6008-2RS DIN 625	Roulement 6008-2RS DIN 625	Ball bearing 6008-2RS DIN 625	C49008
08	1	Anillo retensor 68x2.5 DIN 472	Circlips 68x2.5 DIN 472	Retainer ring 68x2.5 DIN 472	C04I09
09	1	Anillo retensor 35x1,5 DIN 471	Circlips 35x1,5 DIN 471	Retainer ring 35x1,5 DIN 471	C04E05
10	6	Arandela grower A6 DIN 7980	Rondelle grower A6 DIN 7980	Lock washer A6 DIN 7980	C06002
11	6	Tornillo Allen M6x20 DIN 912	Vis Allen M6x20 DIN 912	Socket head screw M6x20 DIN	C56007
12	1	Casquillo rueda Ø55/17x21.5	Bague Ø55/17x21.5 Zingué blanc	Wheel sleeve Ø55/17x21.5	0063433
13	1	Protección Engranes GHB11 A.R.	Protection engrenages GHB11 H.P.R	Gearing protection GHB11 L.H.	802B01
14	1	Tornillo M16x30 DIN 6912	Vis M16x30 DIN 6912	Bolt M16x30 DIN 6912	C56609
16	1	Chapa tope rodamiento GHB11	Plaque butée roulement GHB11	Bearing plate GHB11 99x70x4	606G027
17	1	Refuerzo Chapa carro A.R. motriz	Renfort tôle chariot mono. HPR coté	Trolley plate reinforcement A.R	606A01FB02N
18	4	Arandela grower A12 DIN 7980	Rondelle grower A12 DIN 7980	Washer A12 DIN 7980	C06005
19	4	Tornillo Allen M12x50 DIN 912	Vis Allen M12x50 DIN 912 (8.8)	Socket head screw M12x50 DIN	C56068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Nº	Uni.	Denominación	Désignation	Designation	Cod.
01	1	Eje rueda monorrail ø50x86,5	Axe galet monorail ø50x86,5 GHB11	Travel wheel axle ø50x86,5	E03A06
02	1	Arandela grower A16 DIN 7980	Rondelle grower A16 DIN 7980	Lock washer A16 DIN 7980	C06007
03	1	Chapa carro A.R. rueda motriz	Tôle chariot mono. HPR coté galet	Trolley plate. Geared side Low H.	606A01CB
04	1	Paquete Rueda Motriz ø105 AR	Ensemble de galet moteur ø105 HPR	Geared wheel package ø105 Z=35	PRM105ARAZ3
05	1	Conjunto Piñón Z=22 A.R.	Ensemble pignon Z=22 HPR	Pinion set Z=22	CPIB22
06	1	Anillo retensor 40x1,75 DIN 471	Circlips 40x1.75 DIN 471	Retainer ring 40x1.75 DIN 471	C04E06
07	1	Rodamiento 6008-2RS DIN 625	Roulement 6008-2RS DIN 625	Ball bearing 6008-2RS DIN 625	C49008
08	1	Anillo retensor 68x2.5 DIN 472	Circlips 68x2.5 DIN 472	Retainer ring 68x2.5 DIN 472	C04I09
09	1	Anillo retensor 35x1,5 DIN 471	Circlips 35x1,5 DIN 471	Retainer ring 35x1,5 DIN 471	C04E05
10	6	Arandela grower A6 DIN 7980	Rondelle grower A6 DIN 7980	Lock washer A6 DIN 7980	C06002
11	6	Tornillo Allen M6x20 DIN 912	Vis Allen M6x20 DIN 912	Socket head screw M6x20 DIN	C56007
12	1	Casquillo rueda Ø55/17x21.5	Bague Ø55/17x21.5 Zingué blanc	Wheel sleeve Ø55/17x21.5	0063433
13	1	Protección Engranes GHB11 A.R.	Protection engrenages GHB11 H.P.R	Gearing protection GHB11 L.H.	802B01
14	1	Tornillo M16x30 DIN 6912	Vis M16x30 DIN 6912	Bolt M16x30 DIN 6912	C56609
16	1	Chapa tope rodamiento GHB11	Plaque butée roulement GHB11	Bearing plate GHB11 99x70x4	606G027
17	1	Refuerzo Simétrico Chapa carro	Renfort symétrique tôle chariot mono.	Trolley plate symmetrical	606A01FB02S
18	4	Arandela grower A12 DIN 7980	Rondelle grower A12 DIN 7980	Washer A12 DIN 7980	C06005
19	4	Tornillo Allen M12x50 DIN 912	Vis Allen M12x50 DIN 912 (8.8)	Socket head screw M12x50 DIN	C56068

GH
Cranes & Components